Daikin Split Systems

Ducted and Duct-Free Heating and Cooling Solutions for all your Construction Needs

R-410A
INVERTER

DAIKIN AC®
absolute comfort

The Daikin Difference

With passion and precision, Daikin is redefining how the world thinks about heating and cooling.

Daikin Split Systems are a perfect fit for residential applications and are also used extensively in schools, universities, hospitals, nursing homes, hotels, office buildings, data rooms or churches and a multitude of other light commercial applications.

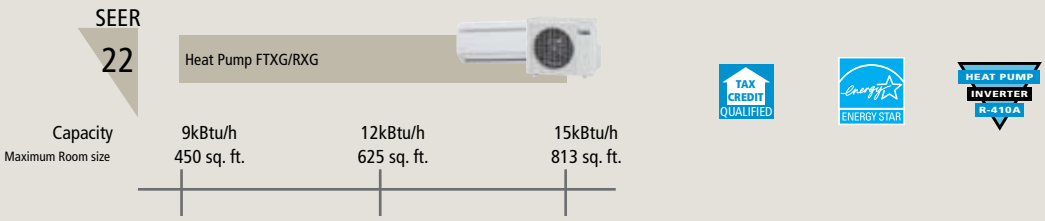
- **Performance worldwide.** Daikin has sold millions of systems in more than 45 countries, with the average system consistently up and running nearly 20 years after installation.
- The **reliability** of a single supplier. Recognized by technicians and customers worldwide for its outstanding service and support.
- **Revolutionary technology** for precise temperature control that constantly readjusts itself to the environment and changing occupancy.
- All Daikin AC systems employ **inverter "variable speed" compressors** and non-ozone depletion potential **R-410A** refrigerant, also optimizing energy conservation.
- **Advanced Multi-Split Systems** allowing up to over 200 possible combinations with ducted or duct-free fan coils.
- **Absolute Comfort® — now available at every stage.** Along with their technological and aesthetic sophistication, Daikin systems are backed by one of the best warranties in the industry.

R-410A

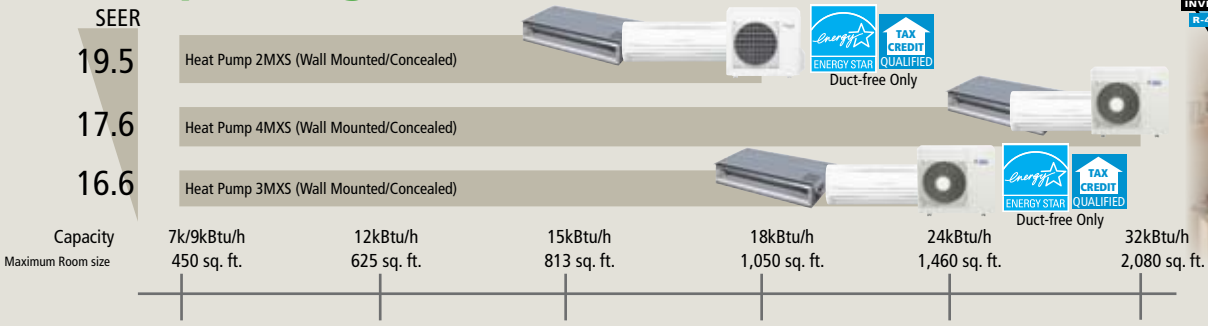
A Powerful Product Portfolio

Single Split - Pages 12 - 17

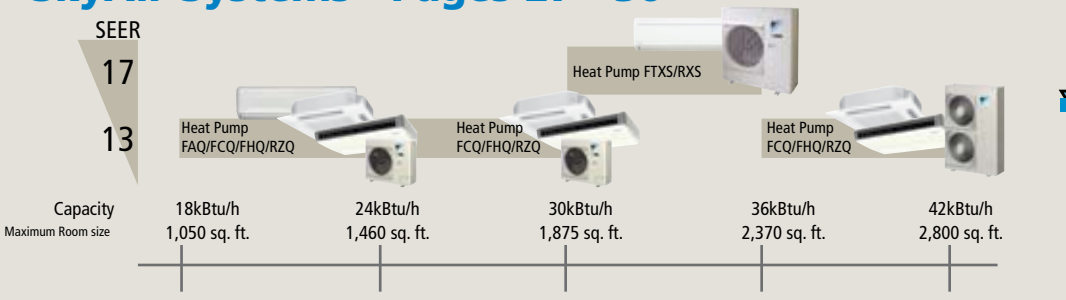
Quaternity™ - Pages 18 - 21



Multi-Split - Pages 22 - 26



SkyAir Systems - Pages 27 - 30



Other Product Lines Available

DAIKIN altherma

Innovative system that **heats**, produces **domestic hot water** and can even **cool** spaces.

For more information, please visit www.daikinac.com/altherma

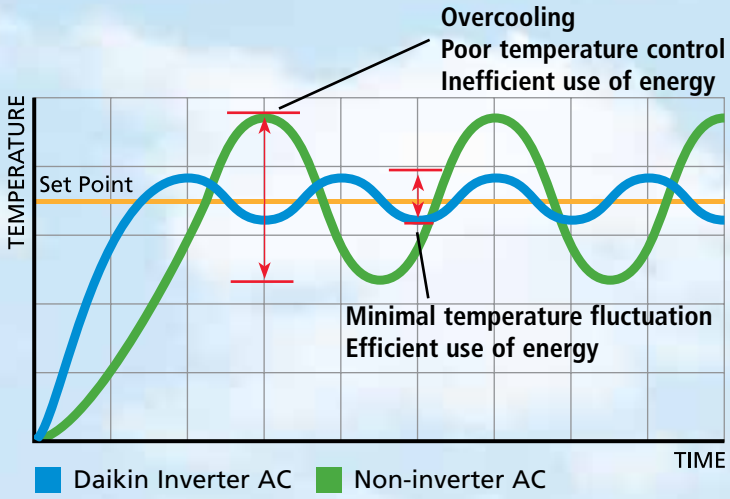
VRV® III-S VRV® III VRV® -W III

For more information, please visit www.daikinac.com/commercial

The Smart Choice

Intelligent to the Core

Daikin develops and optimizes every component within our unique system, making sure each element works flawlessly with the next. Optimal performance is delivered from the time a project begins to the moment of experiencing Absolute Comfort. We use the most up-to-date technology to build products that not only elevate the level of high performance but are equipped with advanced built-in intelligence and flexibility.



What is it?

- Inverter technology can be compared to the technology in a car: "The harder you push the accelerator, the faster you go."
- An inverter unit will gradually increase the compressor speed based on the capacity needed to cool down or heat up the room.
- A system without inverter technology can be compared to turning on or off a lamp. Turning on this type of unit will start to run on full load.

Advantages of the inverter technology

- The system operates at the required capacity, delivering the amount of cooling or heating to maintain the desired comfort condition.
- Start-up time is reduced by one-third (compared to normal on/off units).
- Avoids cycling operation of the compressor, thus reduced costly current (amp) peaks.
- Minimizes temperature fluctuations.
- Reduces the energy consumption by one-third (compared to normal on/off units).

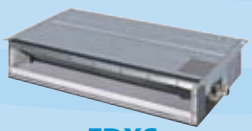
The Comfort of Choice

A wide range of indoor units allows for flexible installation. There is always a solution to fit any space, anytime.

FTXG

FTXN/FTXS/FTKN/FTKS

FTXS/CTXS



FDXS

FCQ

FAQ

FHQ

Smart installation

Instead of noisy compressors and large ductwork, Daikin uses a small, easily hidden outdoor unit and an easily connected pair of cooling lines. These lines open into a small three-inch opening through a wall or ceiling, connecting to an indoor unit.

Long piping run

The piping length varies according to the models. The maximum single longest line is 230 ft. for a maximum height difference of 164 ft.

Ultimate Comfort For The Home

Sound Efficient

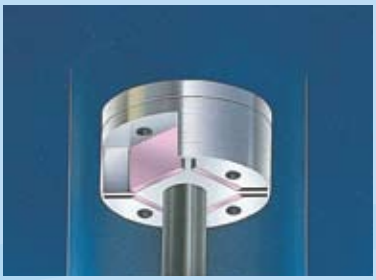
Swing Compressor

The design of the swing compressor reduces friction during operation for smoother and quieter rotation with less vibration resulting in a more durable compressor. It also minimizes the leakage of refrigerant gas during compression. The result is a system that operates quietly and efficiently.

Energy Efficient

Reluctance Digitally Commutated (DC) Motor

Daikin's Reluctance DC motors utilize powerful neodymium magnets 10 times more powerful than conventional magnets. By maximizing Daikin's Reluctance DC motors can boost efficiencies 20% higher than conventional motors.



PAM Control

PAM control

Pulse Amplitude Modulation Technology (PAM) is one of the keys to Daikin's success in producing systems that offer high power while maintaining excellent energy efficiency. The PAM Control reduces energy loss by controlling how often the converter switches on and off.

Daikin's Refrigerant Technology

All Daikin AC systems employ inverter "variable speed" compressors and non-ozone depletion potential R-410A refrigerant, also optimizing energy conservation. The ozone depletion potential (ODP) of zero for R-410A is lower than the ODP of 0.05 for R-22.

R-410A
INVERTER

Daikin Compatibility Matrix

Single Split

Outdoor Units				Wall Mounted Indoor Units												Concealed Indoor Units	
				FTKN09JEVJU	FTKN12JEVJU	FTXN09JEVJU	FTXN12JEVJU	FTXS09HVJU	FTXS12HVJU	FTXS15HVJU	FTXS18HVJU	FTXS24HVJU	FTXS09JEVJU	FTXS12JEVJU	FTXS09JEVJU	FTXS12JEVJU	FDXS09DVJU	FDXS12DVJU
	SEER 13	Cool Only	RKN09JEVJU	■														
			RKN12JEVJU		■													
		Heat Pump	RXN09JEVJU			■												
			RXS09DAVJU														■	
			RXN12JEVJU				■											
			RXS12DAVJU															■
			RX15FVJU							■								
			RX18FVJU								■							
			RX24FVJU									■						
	SEER 16	Heat Pump	RXS09DAVJU					■										
			RXS12DAVJU						■									
			RXS15DVJU							■								
			RXS18DVJU								■							
			RXS24DVJU									■						
	SEER 18	Cool Only	RKS09JEVJU										■					
			RKS12JEVJU											■				
		Heat Pump	RXS09JEVJU												■			
			RXS12JEVJU													■		

Quaternity by DAIKIN

Outdoor Units				Wall Mounted Indoor Units		
				FTXG09HVJU	FTXG12HVJU	FTXG15HVJU
	SEER 22	Heat Pump	RXG09HVJU	■		
			RXG12HVJU		■	
			RXG15HVJU			■

2010 Tax Qualified Daikin Heat Pump Systems

Energy Star rated

Multi-Split

Outdoor Units			Wall Mounted Indoor Units					Concealed Indoor Units	
			CTXS07JVJU	CTXS09HVJU	CTXS12HVJU	FTXS15HVJU	FTXS18HVJU	FDXS09DVJU	FDXS12DVJU
	Heat Pump	2MXS18GVJU	■	■				■	
		3MXS24JVJU	■	■	■	■	■	■	■
		4MXS32GVJU	■	■	■	■	■	■	■

SkyAir

Outdoor Units			Wall Mounted Indoor Units				4-Way Ceiling Cassette Indoor Units					Ceiling Suspended Indoor Units				
			FAQ18PVJU	FAQ24PVJU	FTXS30HVJU	FTXS36HVJU	FCQ36MVJU	FCQ42MVJU	FCQ18PVJU	FCQ24PVJU	FCQ30PVJU	FHQ36MVJU	FHQ42MVJU	FHQ18PVJU	FHQ24PVJU	FHQ30PVJU
	Heat Pump	RZQ18PVJU	■						■					■		
		RZQ24PVJU		■						■					■	
		RXS30HVJU			■											
		RZQ30PVJU									■					■
		RXS36HVJU				■										
		RZQ36MVJU					■					■				
		RZQ42MVJU						■					■			

ENERGY STAR® PARTNER

A number of Daikin products that are sold in North America are **Energy Star® qualified**. They are known for their outstanding energy conservation and performance. An Energy Star labeled product assures the customer that the system purchased meets or exceeds the Energy Efficiency Specifications and testing requirements of the ENERGY STAR® program. It not only provides the homeowner with a more sustainable and environment friendly solution, but helps lower significantly their cooling and heating bills.

Daikin sells products that may be eligible for the tax credit opportunities made available under The American Recovery and Reinvestment Act of 2009.

The American Recovery and Reinvestment Act of 2009 provides a personal tax credit to homeowners for the 2009 and 2010 tax years for any qualified energy efficiency improvements in the building envelope of existing homes and for any qualified residential energy property expenditures.

Homeowners* can claim 30% of the costs (up to a $1,500 limit) for the qualified product and its installation (including labor) for their main home located in the United States. Homeowners may only claim $1,500 in total for any energy efficiency improvements and can choose to claim the entire credit toward the installation of one appliance.

* For Canadian taxpayers, homeowners can claim the Home Renovation Tax Credit when filing their 2010 tax return.

AHRI Certified™

All Daikin products are certified by AHRI.

For more information, please visit www.ahridirectory.org

Features Checklist

			Single Split										Multi Split			SkyAir					
Energy Efficiency			SEER 13					SEER 16		SEER 18		SEER 22									
Type			Cool Only	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Cool Only	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Models			FTKN09/12JEVJU	FTXN09/12JEVJU	FTXS09/12HVJU	FTXS15/18/24HVJU	FDXS09/12DVJU	FTXS09/12HVJU	FTXS15/18/24HVJU	FTKS09/12JEVJU	FTXS09/12JEVJU	FTXG09/12/15HVJU	FDXS09/12DVJU	CTXS07JVJU CTXS09/12HVJU	FTXS15/18HVJU	FAQ18/24PVJU	FTXS30/36HVJU	FCQ18/24/30PVJU	FCQ36/42MVJU	FHQ36/42MVJU	FHQ18/24/30PVJU
PAM control			■	■	■	■	■	■	■	■	■	■				●	■	●	●	●	●
Comfortable Airflow		Power Airflow Dual Flaps			■	■		■	■			■		■	■		■				
		Wide Angle Louvres	■	■	■	■		■	■	■	■	■		■	■		■				
		Vertical Auto Swing (up and down)	■	■	■	■		■	■	■	■	■		■	■	■	■	■	■	■	■
		Horizontal Auto Swing (left and right)				■			■			■		■	■		■				
		3 D Airflow				■			■			■		■	■		■				
		Comfortable Mode	■	■						■	■	■					■				
Comfort Control		Indoor Unit Quiet Operation	■	■	■	■	■	■	■	■	■	■	■	■	■		■				
		Outdoor Unit Quiet Operation			■	■	■	■	■				■	■	■	◆	■	◆	◆	◆	◆
		Intelligent Eye			■	■		■	■					■	■		■				
		Automatic Operation		■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■
		Program Dry Function	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Auto Fan Speed	■	■	■	■	■	■	■	■	■	■	■	■	■		■				
		Hot Start		■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■
Healthy and Clean		Mold Proof Air Filter	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Air Purifying Filter with Photocatalytic Deodorizing Function			■	■		■	■					■	■						
		Titanium Apatite Photocatalytic Air Purifying Function	■	■						■	■	■					■				
		Flash Streamer										■									
		Wipe clean Flat Panel	■	■	■	■		■	■	■	■	■		■	■		■				
Lifestyle		Econo Mode	■	■						■	■						■				
		Powerful Operation	■	■	■	■	■	■	■	■	■	■	■	■	■		■				
		Remote Controller with backlit display	■	■	■	■		■	■	■	■			■	■	■	■	■	■	■	■
		LCD Wireless Remote Control	■	■	■	■	■	■	■	■	■	■	■	■	■	◆	■	◆	◆	◆	◆
		Home Leave Operation			■	■	■	■	■				■	■	■						
		Indoor Unit On/Off Timer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Timers		24 Hour On/Off Timer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	Refer to page 29			
		Weekly Timer														pg 29	■	Refer to page 29			
		Night Set Mode	■	■	■	■	■	■	■	■	■	■		■	■	pg 29	■	Refer to page 29			
Worry Free		Auto Restart after Power Failure	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Self Diagnosis with Digital Display	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Anticorrosion Treatment of Outdoor Heat Exchanger Fin	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

■ Function included

● PWM (Pulse Width Modulation)

◆ Option

Key Features & Benefits

Superior Comfort Control

Indoor Unit Quiet Operation. Sound levels are reduced by 2-3 decibels (dB) from the low fan speed for quieter and gentler heating and cooling.

Outdoor Unit Quiet Operation. Outdoor unit sound levels can be reduced by 3dB for times when quieter operation is needed.

Intelligent Eye. The intelligent eye is an infrared sensor with the ability to sense movement in the room. When you are in the room, the air conditioner operates normally. If you leave the room for more than 20 minutes the air conditioner automatically changes to an energy-saving operation. Using the intelligent eye, savings of up to 20% in cooling and up to 30% in heating, can be achieved.

Automatic Operation. For unattended year-round comfort, this function allows the unit to automatically switch between heating and cooling modes as required.

Program Dry Function. This gives priority to reducing the level of humidity in the room rather than room temperature.

Auto Fan Speed. To reduce operating sound and power consumption, the fan speed is automatically controlled by the micro-processor to suit the thermostat setting and prevailing room temperature.

Hot Start. When the heating operation starts or when the unit changes from cooling to heating there is no cold draught released into the room.

Lifestyle Convenience

Econo Mode. Econo Mode limits the maximum operating current and power consumption of the outdoor unit by approximately 30% during start-up. This saves energy and reduces the load on the electrical circuit when multiple electrical devices are used simultaneously.

Powerful Operation. Pushing the POWERFUL button on the remote control gives you a boost in cooling or heating power for a 20-minute period, even if the unit is already operating at high capacity.

Remote Controller with backlit display. Features a backlit LCD and luminescent control buttons, allowing for easy viewing in dimly lit rooms.

Home Leave Operation. Select this energy saving function when leaving the house and the air conditioner will operate at a pre-selected temperature. Your home can then be warmed or cooled much quicker upon your return. It can also be used to record your preferred (default) settings.

Indoor Unit On/Off Switch. A convenient on/off switch on the indoor unit allows you to start up the system even if you have misplaced the remote control or the remote control batteries are exhausted.

Comfortable Airflow

Wide Angle Louvres. Smoothly curved wide-angle louvres provide wide airflow coverage for effective heating and cooling no matter where the indoor unit is placed within the room.

Dual Flap System. This unique system directs warm air to the floor in winter and cool air across the room in summer for maximum efficiency and comfort. The large flap governs airflow direction while the small flap (or diffuser) swings, producing fine air currents that help circulate the air around the room.

Comfortable Mode. The new flap changes the delivery angle to horizontal for cooling and vertical for heating operation, to prevent cold or warm air from blowing directly onto your body.

Vertical Auto-Swing (up and down). The vertical auto swing automatically sweeps the air across the room in an up and down motion. When the unit is switched off, the louvres close automatically.

Horizontal Auto-Swing (left and right). Automatically moves to ensure an even distribution of air throughout a room.

3-D Airflow. Combines vertical and horizontal auto-swing to circulate cool/warm air to the corners of large spaces.

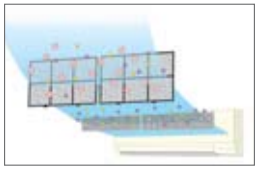
Worry Free

Auto-Restart. The unit memorizes the operation mode, airflow and temperature settings. Should there be a power failure when the unit is in operation, it will automatically return to the same operating conditions when the power is restored.

Self-Diagnosis. In the event that a problem develops with the unit, malfunction codes can be displayed on the liquid crystal panel of the remote control for fast and easy fault diagnosis.

Anti-Corrosion. The special anti-corrosion coating on the outdoor unit heat exchanger ensures greater resistance to salt damage and atmospheric corrosion.

Healthy and Clean



Air-Purifying Filter with Photocatalytic Deodorizing Function. This combination operates as a highly-effective unit. The filter traps microscopic particles, decomposes odors and neutralizes bacteria and viruses. The filter can be used for approximately three years if periodic maintenance is performed.

Titanium Apatite Photocatalytic Air-Purifying Filter. This filter combines the air-purifying filter and titanium apatite photocatalytic deodorizing filter in a single highly effective unit. The filter traps microscopic particles, decomposes odors and even adsorbs and deactivates bacteria and viruses. It lasts for three years without replacement if washed once every six months.

Mold-Proof Air Filter. The pre-filter net is impregnated with a safe, colorless and odorless mold preventative. This renders the filter virtually immune to mold.

Wipe-Clean Flat Panel. The flat panel models can be cleaned with only the single pass of a cloth across their smooth surface. The flat panel can also be easily removed for more thorough cleaning.

Timers

24-Hour On/Off Timer. The timer can be preset to start and stop the air conditioner at any time within a 24-hour period. Once the times are set, the air conditioner can be operated for a period by simply pressing the ON or OFF timer buttons.

Weekly Timer. The weekly timer function makes it easy to enter up to four settings per day for each day of the week. The weekly timer function not only allows you to program on and off time, but also the desired temperature.

Night Set Mode. Through the use of the 'Timer-OFF Circuit', the preset room temperature gently rises in cooling or falls in heating before the unit stops. This energy-saving feature allows you to sleep comfortably without feeling a sudden change in the room temperature, while at the same time saving energy.

Keeping Warm

Quick Warming Function. Preheats the compressor to shorten the time required to discharge warm air.

Automatic Defrosting. Sensor performs automatic defrosting of the outdoor heat exchanger if necessary, ensuring optimum heating performance.

Wireless Remote Controller ARC452A9

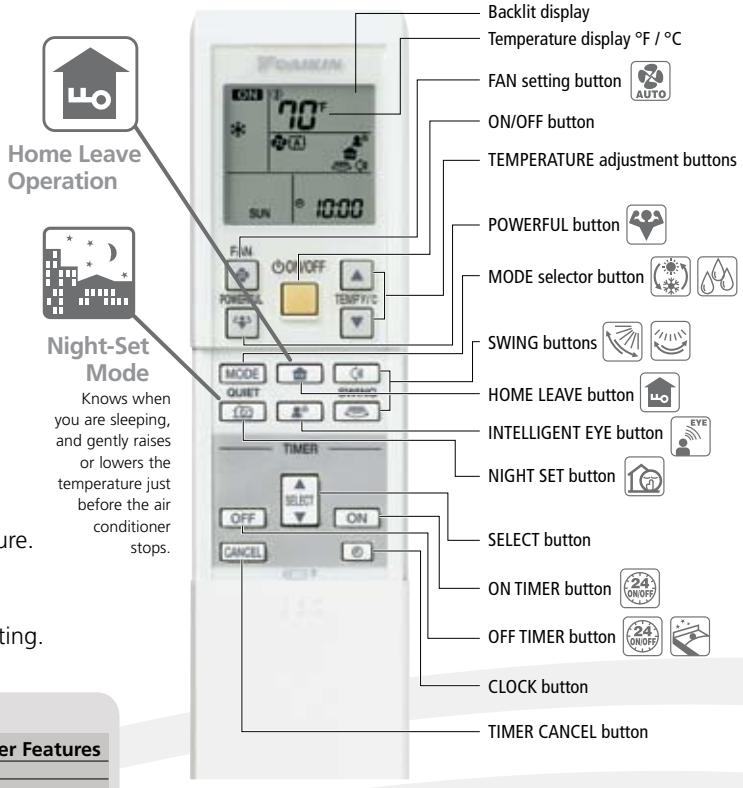
Home Leave Operation

With the FTXS/CTXS systems, you have the ability to record a favorite set temperature and air flow rate. The best part is retrieving them by a simple push of the HOME LEAVE button on the remote controller.

Another great advantage of this feature is its energy-savings mode. When sleeping or out of the house, fan speed can be set to its lowest setting, or set the temperature 3-5°F higher (cooling) or lower (heating) than normal.

Every day before leaving the house or going to bed…

1. Push the "HOME LEAVE" button and the system will adjust capacity to reach the selected preset temperature.
2. When you return or wake up, you will be welcomed by a comfortable room.
3. Push the "HOME LEAVE" button to retrieve the initial setting.



Applicable to FTXS15/18/24HVJU, CTXS07JVJU, CTXS09/12/15/18HVJU models.

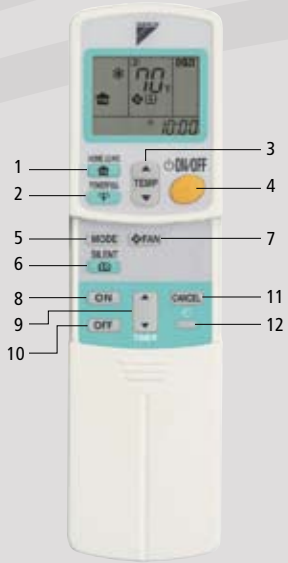
Optional

BRC944B2_A08 Wired Remote Controller Features
Start / Stop
Operation Mode
Temperature Setting (18 - 32 °C, 64 - 90 °F)
One Time / Daily Timer
Fahrenheit or Celcius Temperature Display
Fan Speed
Airflow Direction

* This wired remote controller can be used in conjunction with the factory supplied Wireless Controller for full access to the other applicable system features (such as Intelligent Eye, Night Set-Back etc.)

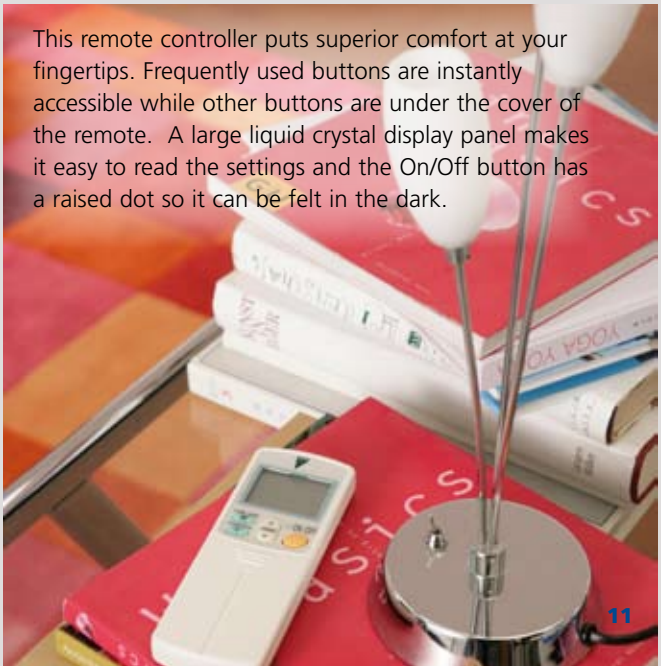
Wireless Remote Controller ARC433A63

1 HOME LEAVE button
2 POWERFUL button
3 TEMPERATURE adjustment button
4 ON/OFF button
5 MODE selector button
6 SILENT button
7 FAN setting button
8 ON TIMER button
9 TIMER setting button
10 OFF TIMER button
11 TIMER CANCEL button
12 CLOCK button



Applicable to FDXS09/12DVJU models.

This remote controller puts superior comfort at your fingertips. Frequently used buttons are instantly accessible while other buttons are under the cover of the remote. A large liquid crystal display panel makes it easy to read the settings and the On/Off button has a raised dot so it can be felt in the dark.



Simple Installation

At Daikin, we're not just concerned with how comfortable our systems make you feel — but how comfortable you feel about our systems. Instead of large condensing units with noisy compressors and large duct work, Daikin systems are comprised of small, easily located outdoor units and a connected pair of refrigerant lines. These lines slide into a small 3-inch opening through a wall or ceiling connecting to a wall-mounted or a slim built-in indoor unit.

There are few electrical connections to make, so your contractor can install your system in a minimal amount of time — in many cases, on average, in a single day's work. The compact and lightweight design, combined with the long, flexible piping and wiring, make installation a snap.

Whether planning an add-on or new construction, Daikin Split Systems will keep you comfortable. Wireless or wired (optional) remote controllers are on all of our models and include temperature control, a timer and other functions. You also have your choice of wall mounted or slim built-in fan coil units.

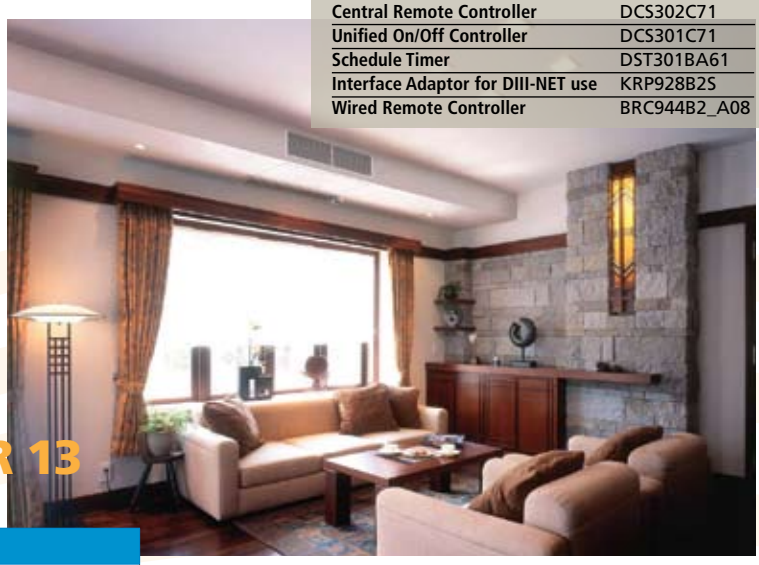
Slim Duct Built-in

FDXS

RXS

ARC

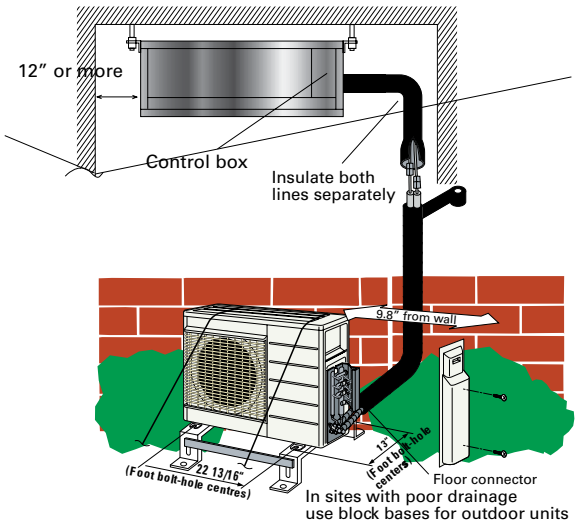
Controllers (Options)	
Central Remote Controller	DCS302C71
Unified On/Off Controller	DCS301C71
Schedule Timer	DST301BA61
Interface Adaptor for DIII-NET use	KRP928B2S
Wired Remote Controller	BRC944B2_A08



Standard Efficiency - SEER 13
Heat Pump

Indoor Units - FDXS_DVJU			
Model		FDXS09DVJU	FDXS12DVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/8,500	4,800/11,500/11,500
Heating Capacity (min./nom./max.)	Btu/h	4,400/10,000/10,000	4,800/11,500/11,500
Moisture Removal	Pt/h	2.5	4.0
Airflow-Wet (H/M/L)	cfm	305/280/260	305/280/260
Airflow-Dry (H/M/L)	cfm	305/280/260	305/280/260
Sound Pressure Level - Cooling (H/L)	dB(A)	35/31	35/31
Sound Pressure Level - Heating (H/M/L)	dB(A)	35/33/31	35/33/31
Condensate Drain Connection (O.D.)	in.	ø 1-1/32	ø 1-1/32
Dimensions (H x W x D)	in.	7-7/8 x 27-9/16 x 24-7/16	
Net Weight	lbs.	47	47
Gross Weight	lbs.	64	64
Wireless Remote Controller (standard)		ARC433A63	ARC433A63
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1

Outdoor Units - RXS_DAVJU			
Model		RXS09DAVJU	RXS12DAVJU
Casing Color		Ivory White	Ivory White
Refrigerant		R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	600	600
Power Consumption-Cooling	W	730	1,310
Power Consumption-Heating	W	1,030	1,060
Operating Current-Cooling	A	3.93	5.4
Operating Current-Heating	A	4.8	4.6
Sound Pressure Level (cooling/heating)	dB(A)	48/49	49/51
Operating Range-Cooling (outdoor)	°F DB	14 - 115	14 - 115
Operating Range-Cooling (outdoor) (with optional wind baffle)	°F DB	0 - 115	0 - 115
Operating Range-Heating	°F DB	5 - 77	5 - 77
Operating Range-Heating (outdoor) (with optional wind baffle)	°F DB	0 - 77	0 - 77
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8
Refrigerant Charge	lbs.	1.76	2.2
Max. Piping Length	ft.	65	65
Piping Length (no add'l refrigerant)	ft.	33.0	33.0
Max. Height Difference	ft.	49	49
Dimensions (H x W x D)	in.	21-5/8 x 30-1/8 x 11-1/4	
Net Weight	lbs.	74	80
Gross Weight	lbs.	86	93
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3


12" or more
Control box
Insulate both lines separately
9.8" from wall
(Foot bolt-hole centres)
Floor connector
In sites with poor drainage use block bases for outdoor units

DACA-CP1-1
(Optional condensate pump)

Certified Efficiency Performance Values						
AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3208515	RXS09DAVJU	FDXS09DVJU	10.90	13.00	3	7.70
3208514	RXS12JDAVJU	FDXS12DVJU	8.85	13.00	3.5	7.70

Wall Mounted Indoor Units

FTKN / FTXN

RKN / RXN

ARC

* Not available on FTKN models

Controllers (Options)

Interface Adaptor for Wired Remote Controller	KRP980B1
Wired Remote Controller	BRC944B2_A08

Standard Efficiency - SEER 13
Cooling Only

Indoor Units - FTKN_JEVJU

Model		FTKN09JEVJU	FTKN12JEVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,400/10,500/12,000
Sensible Cooling Capacity	Btu/h	5,270	6,460
Airflow-Wet (H/M/L/SL)	cfm	325/261/187/141	328/272/198/155
Sound Pressure Level - Cooling (H/L)	dB(A)	40/22	41/23
Condensate Drain Connection (O.D.)	in.	ø 11/16	ø 11/16
Dimensions (H x W x D)	in.	11-1/8 x 30-1/4 x 7-3/4	
Net Weight	lbs.	16	16
Gross Weight	lbs.	24	24
Wireless Remote Controller (standard)		ARC452A14	ARC452A14
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1

Outdoor Units - RKN_JEVJU

Model		RKN09JEVJU	RKN12JEVJU
Casing Color		Ivory White	Ivory White
Refrigerant		R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	750	750
Power Consumption-Cooling	W	755	905
Operating Current-Cooling	A	4.40-3.92	4.60-4.22
Sound Pressure Level (cooling)	dB(A)	49	50
Operating Range-Cooling (outdoor)	°F DB	50 - 114.8	50 - 114.8
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8
Refrigerant Charge	lbs.	2.20	2.20
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	66	66
Gross Weight	lbs.	76	76
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	68	68
Gross Weight	lbs.	78	78
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3

Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3698117	RKN09JEVJU	FTKN09JEVJU	10.7	13.0	3.13	8.0
3698118	RKN12JEVJU	FTKN12JEVJU	10.6	13.0	3.10	8.0

*Not available on FTKN models

Standard Efficiency - SEER 13
Heat Pump

Indoor Units - FTXN_JEVJU

Model		FTXN09JEVJU	FTXN12JEVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,400/10,500/12,000
Sensible Cooling Capacity	Btu/h	5,270	6,460
Heating Capacity (min./nom./max.)	Btu/h	4,400/10,000/11,600	4,400/12,000/16,400
Heating Capacity (at 17°F)	Btu/h	5,300	88
Airflow-Wet (H/M/L/SL)	cfm	325/261/187/141	328/272/198/155
Airflow-Dry (H/M/L/SL)	cfm	342/286/226/198	357/297/237/208
Sound Pressure Level - Cooling (H/L)	dB(A)	40/22	41/23
Sound Pressure Level - Heating (H/M/L/SL)	dB(A)	40/34/28/25	41/35/29/26
Condensate Drain Connection (O.D.)	in.	ø 11/16	ø 11/16
Dimensions (H x W x D)	in.	11-1/8 x 30-1/4 x 7-3/4	
Net Weight	lbs.	16	16
Gross Weight	lbs.	24	24
Wireless Remote Controller (standard)		ARC452A12	ARC452A12
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1

Outdoor Units - RXN_JEVJU

Model		RXN09JEVJU	RXN12JEVJU
Casing Color		Ivory White	Ivory White
Refrigerant		R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	750	750
Power Consumption-Cooling	W	755	905
Power Consumption-Heating	W	825	1,010
Operating Current-Cooling	A	4.40-3.92	4.60-4.22
Operating Current-Heating	A	4.40-4.02	5.20-4.72
Sound Pressure Level (cooling/heating)	dB(A)	49/50	50/51
Operating Range-Cooling (outdoor)	°F DB	50 - 114.8	50 - 114.8
Operating Range-Heating (outdoor)	°F DB	5 - 77	5 - 77
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8
Refrigerant Charge	lbs.	2.20	2.20
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	68	68
Gross Weight	lbs.	78	78
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3

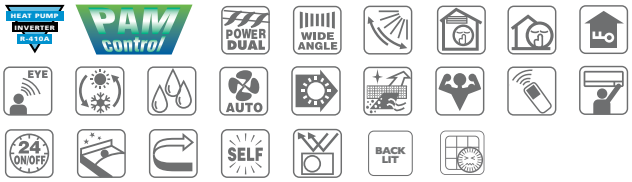
Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3696642	RXN09JEVJU	FTXN09JEVJU	10.7	13.0	3.39	8.0
3696643	RXN12JEVJU	FTXN12JEVJU	10.6	13.0	3.35	8.0

FTXS

RX

ARC



Standard Efficiency - SEER 13

Heat Pump

Indoor Units - FTXS_HVJU Wall Mounted Units

Model		FTXS15HVJU	FTXS18HVJU	FTXS24HVJU
Refrigerant		R-410A	R-410A	R-410A
Front Panel Color		Off-White	Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	6,800/15,000/15,000	6,800/18,000/18,000	7,500/22,000/22,000
Heating Capacity (min./nom./max.)	Btu/h	6,800/18,000/21,200	6,800/21,600/24,000	7,500/24,000/25,400
Moisture Removal	Pt/h	3.4	4.3	6.3
Airflow-Wet (H/M/L)	cfm	519/436/353	549/476/402	536/473/409
Airflow-Dry (H/M/L)	cfm	515/459/402	609/529/448	586/532/477
Sound Pressure Level - Cooling (H/M/L)	dB(A)	45/41/36	45/41/36	46/42/37
Sound Pressure Level - Heating (H/M/L)	dB(A)	44/40/35	44/40/35	46/42/37
Condensate Drain Connection (O.D.)	in.	ø 11/16	ø 11/16	ø 11/16
Dimensions (H x W x D)	in.	11 7/16 x 41 5/16 x 9 3/8		
Net Weight	lbs.	26.5	26.5	26.5
Gross Weight	lbs.	38	38	38
Wireless Remote Controller (standard)		ARC452A9	ARC452A9	ARC452A9
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2_A08	BRC944B2_A08	BRC944B2_A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1	DACA-CP1-1

Outdoor Units - RX_FVJU

Model		RX15FVJU	RX18FVJU	RX24FVJU
Casing Color		Ivory White	Ivory White	Ivory White
Refrigerant		R-410A	R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	20	20	20
Compressor Type		Hermetically sealed swing type compressor		
Compressor Motor Output	W	1,500	1,500	1,900
Power Consumption-Cooling	W	1,320	1,710	2,555
Power Consumption-Heating	W	1,690	2,160	2,805
Operating Current-Cooling	A	5.83	7.49	11.15
Operating Current-Heating	A	7.4	9.4	12.23
Sound Pressure Level (cooling/heating)	dB(A)	51/51	51/51	54/54
Operating Range-Cooling (outdoor)	°F DB	14 - 115	14 - 115	14 - 115
Operating Range-Cooling (outdoor) (with optional wind baffle)	°F DB	14 - 115	14 - 115	14 - 115
Operating Range-Heating (outdoor)	°F DB	5 - 77	5 - 77	5 - 77
Operating Range-Heating (outdoor) (with optional wind baffle)	°F DB	5 - 77	5 - 77	5 - 77
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 1/2	ø 1/2	ø 5/8
Refrigerant Charge	lbs.	3.75	3.75	3.75
Max. Piping Length	ft.	98.4	98.4	98.4
Piping Length (no add'l refrigerant)	ft.	33	33	33
Max. Height Difference	ft.	66	66	66
Dimensions (H x W x D)	in.	28-15/16 x 32-1/2 x 11-13/16		
Net Weight	lbs.	117	117	121
Gross Weight	lbs.	132	132	137
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3	DACA-WB-3

Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3208518	RX15FVJU	FTXS15HVJU	11.0	13.0	3.05	7.7
3208519	RX18FVJU	FTXS18HVJU	10.3	13.0	2.88	7.7
3208520	RX24FVJU	FTXS24HVJU	8.5	13.0	2.47	7.7

Controllers (Options)

Central Remote Controller	DCS302C71
Unified On/Off Controller	DCS301C71
Schedule Timer	DST301BA61
Interface Adaptor for DIII-NET use	KRP928B2S
Wired Remote Controller	BRC944B2_A08

DACA-CP1-1
(Optional condensate pump)

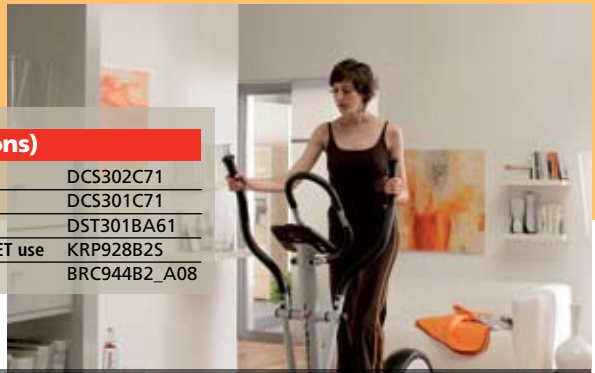
FTXS

RXS15/18/24

ARC

RXS09/12

Controllers (Options)	
Central Remote Controller	DCS302C71
Unified On/Off Controller	DCS301C71
Schedule Timer	DST301BA61
Interface Adaptor for DIII-NET use	KRP928B2S
Wired Remote Controller	BRC944B2_A08



Combination of RXS15DVJU and FTXS15HVJU is Energy Star rated

High Efficiency - SEER 15+
Heat Pump

Indoor Units - FTXS_HVJU Wall Mounted Units

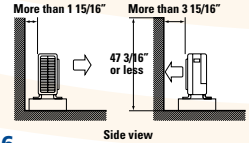
Model		FTXS09HVJU	FTXS12HVJU	FTXS15HVJU	FTXS18HVJU	FTXS24HVJU
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
Front Panel Color		Off-White	Off-White	Off-White	Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,800/11,500/12,000	3,200/15,000/15,000	3,200/18,000/18,000	3,200/22,000/22,000
Heating Capacity (min./nom./max.)	Btu/h	4,400/10,000/11,000	4,800/11,500/13,000	3,200/18,000/21,200	3,200/21,600/24,000	3,200/24,000/25,400
Moisture Removal	Pt/h	2.3	3.2	3.4	4.3	6.3
Airflow-Wet (H/M/L)	cfm	246/197/148	242/195/148	519/436/353	549/476/402	536/473/409
Airflow-Dry (H/M/L)	cfm	253/220/187	286/237/187	515/459/402	609/529/448	586/532/477
Sound Pressure Level - Cooling (H/M/L)	dB(A)	38/32/25	40/33/26	45/41/36	45/41/36	46/42/37
Sound Pressure Level - Heating (H/M/L)	dB(A)	38/33/28	39/34/29	44/40/35	44/40/35	46/42/37
Condensate Drain Connection (O.D.)	in.	ø 11/16	ø 11/16	ø 11/16	ø 11/16	ø 11/16
Dimensions (H x W x D)	in.	10 3/4 x 30 7/8 x 7 11/16		11 7/16 x 41 5/16 x 9 3/8		
Net Weight	lbs.	16.6	16.6	26.5	26.5	26.5
Gross Weight	lbs.	25	25	38	38	38
Wireless Remote Controller (standard)		ARC452A7	ARC452A7	ARC452A9	ARC452A9	ARC452A9
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2_A08	BRC944B2_A08	BRC944B2_A08	BRC944B2_A08	BRC944B2_A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1	DACA-CP1-1	DACA-CP1-1	DACA-CP1-1

Outdoor Units - RXS_D(A)VJU

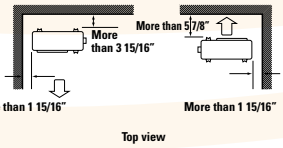
Model		RXS09DAVJU	RXS12DAVJU	RXS15DVJU	RXS18DVJU	RXS24DVJU
Casing Color		Ivory White	Ivory White	Ivory White	Ivory White	Ivory White
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	15	15	15	15	15
Compressor Type		Hermetically sealed swing type compressor				
Compressor Motor Output	W	600	600	1,500	1,500	1,900
Energy Efficiency	SEER	16.0	16.0	17.0	16.3	15.0
Energy Efficiency	HSPF	8.8	8.8	10.1	9.1	8.2
Power Consumption-Cooling	W	730	1,190	1,190	1,550	2,315
Power Consumption-Heating	W	1,030	960	1,530	1,960	2,545
Operating Current-Cooling	A	3.93	5.33	5.3	6.79	10.1
Operating Current-Heating	A	4.8	4.6	6.7	8.5	11.1
Sound Pressure Level (cooling/heating)	dB(A)	48/49	49/51	51/51	51/51	54/54
Operating Range-Cooling (outdoor)	°F DB	14 - 115	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range-Cooling (outdoor) (with optional wind baffle)	°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range-Heating (outdoor)	°F DB	5 - 77	5 - 77	5 - 77	5 - 77	5 - 77
Operating Range-Heating (outdoor) (with optional wind baffle)	°F DB	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4	ø 1/4	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8	ø 1/2	ø 1/2	ø 5/8
Refrigerant Charge	lbs.	1.76	2.2	3.75	3.75	3.75
Max. Piping Length	ft.	65	65	98	98	98
Piping Length (no add'l refrigerant)	ft.	33	33	33	33	33
Max. Height Difference	ft.	49	49	65.6	65.6	65.6
Dimensions (H x W x D)	in.	21-5/8 x 30-1/8 x 11-1/4		28-15/16 x 32-1/2 x 11-13/16		
Net Weight	lbs.	74	80	117	117	121
Gross Weight	lbs.	86	93	132	132	137
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3	DACA-WB-3	DACA-WB-3	DACA-WB-3

RXS09/RXS12 installation space

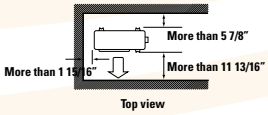
Wall facing one side



Walls facing two sides



Walls facing three sides



Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3208512	RXS09DAVJU	FTXS09HVJU	11.0	16.0	2.74	8.8
3208510	RXS12DAVJU	FTXS12HVJU	9.3	16.0	3.37	8.8
3208511	RXS15DVJU	FTXS15HVJU	12.2	17.0	3.36	10.1
3208509	RXS18DVJU	FTXS18HVJU	11.3	16.3	3.17	9.1
3208513	RXS24DVJU	FTXS24HVJU	9.3	15.0	2.72	8.2

FTKS / FTXS

RKS / RXS

ARC

* Not available on FTKS models

Controllers (Options)

Interface Adaptor for Wired Remote Controller	KRP980B1
Wired Remote Controller	BRC944B2_A08

High Efficiency - SEER 18
Cooling Only

Indoor Units - FTKS_JEVJU

Model		FTKS09JEVJU	FTKS12JEVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,800/10,500/11,500
Sensible Cooling Capacity	Btu/h	5,320	6,520
Airflow-Wet (H/M/L/SL)	cfm	325/261/187/141	328/272/198/155
Sound Pressure Level - Cooling (H/L)	dB(A)	40/22	41/23
Condensate Drain Connection (O.D.)	in.	ø 11/16	ø 11/16
Dimensions (H x W x D)	in.	11-1/8 x 30-1/4 x 7-3/4	
Net Weight	lbs.	16	16
Gross Weight	lbs.	24	24
Wireless Remote Controller (standard)		ARC452A14	ARC452A14
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1

Outdoor Units - RKS_JEVJU

Model		RKS09JEVJU	RKS12JEVJU
Casing Color		Ivory White	Ivory White
Refrigerant		R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	750	750
Power Consumption-Cooling	W	640	760
Operating Current-Cooling	A	3.90-3.52	3.90-3.52
Sound Pressure Level (cooling)	dB(A)	48	48
Operating Range-Cooling (outdoor)	°F DB	50 - 114.8	50 - 114.8
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8
Refrigerant Charge	lbs.	2.2	2.2
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	66	66
Gross Weight	lbs.	75	75
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	68	68
Gross Weight	lbs.	78	78
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3

Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3698086	RKS09JEVJU	FTKS09JEVJU	12.5	18.0	3.66	10.0
3700898	RKS12JEVJU	FTKS12JEVJU	12.5	18.0	3.66	10.0

*Not available on FTKS models

High Efficiency - SEER 18
Heat Pump

Indoor Units - FTXS_JEVJU

Model		FTXS09JEVJU	FTXS12JEVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,800/10,500/11,500
Sensible Cooling Capacity	Btu/h	5,320	6,520
Heating Capacity (min./nom./max.)	Btu/h	4,400/10,000/11,600	4,400/12,000/16,400
Heating Capacity (at 17°F)	Btu/h	6,000	6,900
Airflow-Wet (H/M/L/SL)	cfm	325/261/187/141	328/272/198/155
Airflow-Dry (H/M/L/SL)	cfm	342/286/226/198	357/297/237/208
Sound Pressure Level - Cooling (H/L)	dB(A)	40/22	41/23
Sound Pressure Level - Heating (H/M/L/SL)	dB(A)	40/34/28/25	41/35/29/26
Condensate Drain Connection (O.D.)	in.	ø 11/16	ø 11/16
Dimensions (H x W x D)	in.	11-1/8 x 30-1/4 x 7-3/4	
Net Weight	lbs.	16	16
Gross Weight	lbs.	24	24
Wireless Remote Controller (standard)		ARC452A12	ARC452A12
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1

Outdoor Units - RXS_JEVJU

Model		RXS09JEVJU	RXS12JEVJU
Casing Color		Ivory White	Ivory White
Refrigerant		R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	750	750
Power Consumption-Cooling	W	640	760
Power Consumption-Heating	W	735	890
Operating Current-Cooling	A	3.90-3.52	3.90-3.52
Operating Current-Heating	A	3.80-3.42	4.60-4.12
Sound Pressure Level (cooling/heating)	dB(A)	48	48/49
Operating Range-Cooling (outdoor)	°F DB	50 - 114.8	50 - 114.8
Operating Range-Heating (outdoor)	°F DB	5 - 77	5 - 77
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8
Refrigerant Charge	lbs.	2.2	2.2
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	68	68
Gross Weight	lbs.	77	77
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3

Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3696299	RXS09JEVJU	FTXS09JEVJU	12.5	18.0	3.78	10.0
3696303	RXS12JEVJU	FTXS12JEVJU	12.5	18.0	3.78	10.0

Quaternity™ by DAIKIN

FTXG

RXG

ARC

HEAT PUMP INVERTER R-410A

TAX CREDIT QUALIFIED

ENERGY STAR

Quaternity incorporates **extensive technological innovations** giving features and benefits that deliver a solution significantly superior to a traditional "mini split" system. The system delivers **one of the highest efficiencies** on the market, with added features such as being able to **set and monitor relative humidity**, an integrated **air cleaner** module, and an excellent range of cooling and heating capacities. Quaternity represents a solution offering **complete peace of mind**.

Dehumidifying Function

Set your preferred humidity level for your optimum comfort and Quaternity will do the rest.

Cleaner Air

Daikin's advanced Flash Streamer air purifying unit effectively eliminates all unpleasant odors, such as cooking odors, pet odors, cigarette smoke, allergens, viruses and bacteria.

User Friendly

Take advantage of the simple to use Wireless Remote Controller and abundance of functions to set your Quaternity System exactly to your liking.

Energy Savings

Operate Quaternity with the comfort of knowing its INVERTER compressor and innovative technology is one of the most energy efficient systems available on the market today.

Industry First!

Heat pump systems have evolved in recent times and now provide an effective solution for cooling and heating, giving you the ability to control the temperature all year round.

There is more than just a pleasant temperature needed to enjoy a comfortable indoor climate. Precise adjustment of the humidity level in a room is also of prime importance. However, this has not been possible with conventional air conditioners.

Until now …

Daikin's new Quaternity split air conditioning unit, with its unique system, can dehumidify and purify the indoor air all at the same time. The ideal solution for ideal living comfort in all seasons. Perfect, just the way you like it.

GOOD DESIGN AWARD IN JAPAN

Quaternity received the distinguished "Good Design Award", the unique evaluation criterion for industrial design in Japan. Daikin, on various occasions, has also been commended for applying innovative technology in its air purifiers: the UK Allergy Certificate and the Daikin TüV Award confirm the efficiency of the appliances.

- Up to SEER 22 and EER 15.8, one of the highest energy efficiencies in the market
- Ability to dehumidify to a relative humidity setting
- "Flash Streamer" air cleaner for improved IAQ
- Simple to use wireless infra-red remote controller shows ambient temperature and room temperature
- Comfort and sound set-back ability
- Quiet operation
- Excellent delivered capacity

Quaternity Indoor Units - FTXG_HVJU Wall Mounted Units. For use with RXG_HVJU Models					
Model			FTXG09HVJU	FTXG12HVJU	FTXG15HVJU
Cooling Capacity (min. - nom. - max.)		Btu/h	5,300 - 9,000 - 12,300	5,300 - 12,000 - 15,700	5,300 - 15,000 - 18,000
Heating Capacity (min. - nom. - max.)		Btu/h	4,400 - 12,000 - 18,000	4,400 - 16,000 - 19,100	4,400 - 18,000 - 21,200
Heating Capacity at 17 °F		Btu/h	8,100	10,800	12,200
Moisture Removal		Pt/h	3.3	4.1	4.8
Airflow - Dry		cfm	438	470	494
Sound Pressure Level - Cooling (H/M/L)		dB(A)	42/33/26	43/35/27	45/37/29
Sound Pressure Level - Heating (H/M/L)		dB(A)	42/35/28	43/36/29	44/38/31
Piping Connections	Liquid (O.D.)	in.	ø 1/4	ø 1/4	ø 1/4
	Gas (O.D.)	in.	ø 3/8	ø 3/8	ø 3/8
	Condensate (O.D.)	in.	ø 11/16	ø 11/16	ø 11/16
Dimensions (H x W x D)		in.	12 x 35 1/32 x 8 7/32		
Weight		lbs.	31	31	31
Wireless Remote Controller (standard)			ARC447A3	ARC447A3	ARC447A3
Optional Condensate Pump			DACA-CP1-1	DACA-CP1-1	DACA-CP1-1
Quaternity Outdoor Units - RXG_HVJU For use with the FTXG_HVJU Models					
Model			RXG09HVJU	RXG12HVJU	RXG15HVJU
Compressor Type			Hermetically sealed swing type compressor		
Max. Fuse Size		Amps	15	15	15
Energy Efficiency		SEER	22	22	21
Energy Efficiency		EER	15.8	14	12.9
Energy Efficiency		HSPF	11	10.55	10
Energy Efficiency		COP	4.51	4.04	3.99
Power Consumption - Cooling		W	570	860	1,160
Power Consumption - Heating		W	780	1,160	1,320
Sound Pressure Level (cooling/heating)		dB(A)	46/46	49/48	50/50
Operating Range - Cooling (outdoor-db)		°F	14 - 109	14 - 109	14 - 109
Operating Range - Heating (outdoor-db)		°F	-4 - 75	-4 - 75	-4 - 75
Operation Current - Cooling		A	3.1	4.3	5.64
Operation Current - Heating		A	4.04	5.64	6.36
Max. Piping Length		ft.	33	33	33
Max. Height Difference		ft.	26	26	26
Dimensions (H x W x D)		in.	22 3/8 X 31 9/32 X 11 7/32		
Weight		lbs.	99	99	99
Condenser Mounting Bracket Accessory			DACA-WB-3	DACA-WB-3	DACA-WB-3

Introducing **Pichon-Kun**

A mascot that represents Daikin's innovative thrust into the future. Created in Japan, this dew droplet represents the fresh, natural, and eco-friendly nature of Daikin's products.

Quaternity by DAIKIN

	High Energy Efficiency and **Low Estimated National Average Annual Operating cost***		
	9,000Btu/h Class	12,000Btu/h Class	15,000Btu/h Class
SEER	22	22	21
EER	15.8	14	12.9
Cooling cost	**$47**	**$63**	**$82**
HSPF	11	10.55	10
COP	4.51	4.04	3.99
Heating cost	**$167**	**$262**	**$368**

* All data is based on AHRI 210/240 performance values

TAX CREDIT QUALIFIED

ENERGY STAR

All Quaternity systems qualify for the U.S. Governments Tax Rebate Stimulus package.

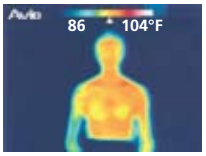
DEHUMIDIFICATION

without lowering the temperature

Dehumidification has many beneficial effects on comfort levels. During the summer, where there is an infiltration of high humidity ambient air, even during mild ambient conditions, the room can feel very hot and stuffy. With "Quaternity controlled dehumidification" the system controls the indoor humidity level by mixing the cool dry air with warm air via its intelligent indoor heat exchanger technology. Also, this feature prevents inefficient overcooling, which helps to save on energy use.

Without Quaternity

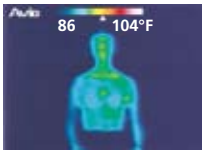
Room temperature 77°F
Humidity 80%



UNCOMFORTABLE
Hot and stuffy with high humidity.

Standard Unit

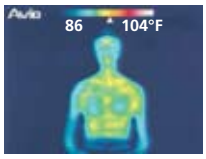
Room temperature 70°F
Humidity 45-50%



COLD DRAFT
The room is over cooled down to 70 °F to achieve satisfactory dehumidification. It results in an uncomfortable cold sensation.

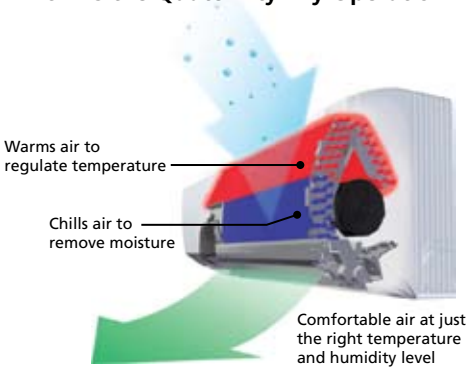
Quaternity by DAIKIN

Room temperature 77°F
Humidity 50%



COMFORTABLE
Decreasing humidity while maintaining the temperature increases comfort.

How is the Quaternity Dry Operation Achieved?


Warms air to regulate temperature
Chills air to remove moisture
Comfortable air at just the right temperature and humidity level

The evaporator of the indoor unit is divided into two sections and solenoid valves are provided in between. In cooling mode, the expansion valve between the condenser and the evaporator works to send low-pressure refrigerant to the indoor side, but in Quaternity Dry Operation, the expansion valve is kept open and a part of the indoor unit is used as a condenser by working the solenoid valve.

Quaternity™ by DAIKIN

flash streamer ONLY BY DAIKIN

Purifies and removes allergens from the air

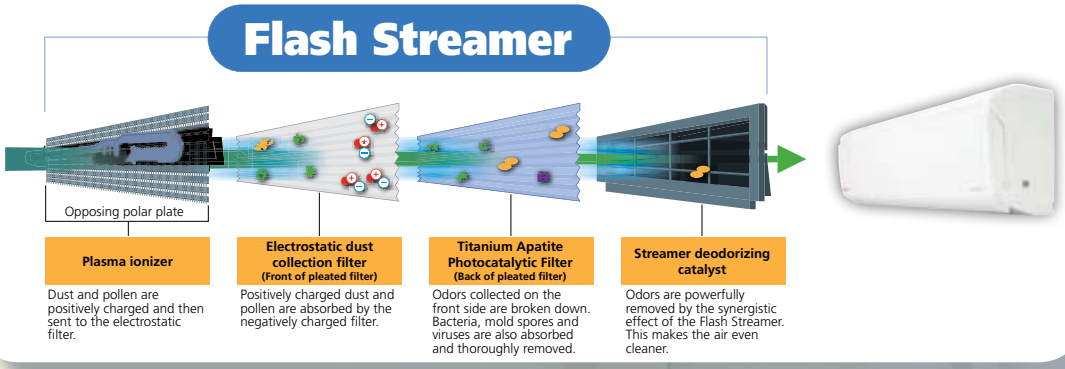
Increased indoor air quality with Daikin Flash Streamer technology

Flash Streamer technology is proven to deliver over 1,000 times faster purification versus normal "plasma" type systems.

Air is a transportation device for microorganisms which can cause infections or allergic reactions. A method to reduce the effect of microorganisms is to reduce the amount of time a person is exposed to them. This can be achieved with filtration but sometimes the wrong type of filtration can act as a breeding ground for the microorganisms. This is why Quaternity uses a multi-stage filtration and air cleaning system which incorporates the "Flash Streamer" to break down and decompose the microorganisms in a timely manner.

Did you know?

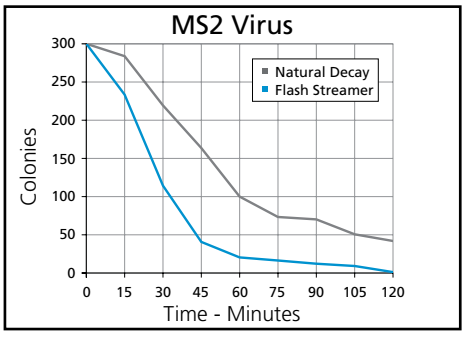
Using both the Flash Streamer and Titanium Apatite filter together produces a photocatylist two times more powerful than direct UV light.


Flash Streamer
Opposing polar plate
Plasma ionizer
Dust and pollen are positively charged and then sent to the electrostatic filter.
Electrostatic dust collection filter
(Front of pleated filter)
Positively charged dust and pollen are absorbed by the negatively charged filter.
Titanium Apatite Photocatalytic Filter
(Back of pleated filter)
Odors collected on the front side are broken down. Bacteria, mold spores and viruses are also absorbed and thoroughly removed.
Streamer deodorizing catalyst
Odors are powerfully removed by the synergistic effect of the Flash Streamer. This makes the air even cleaner.

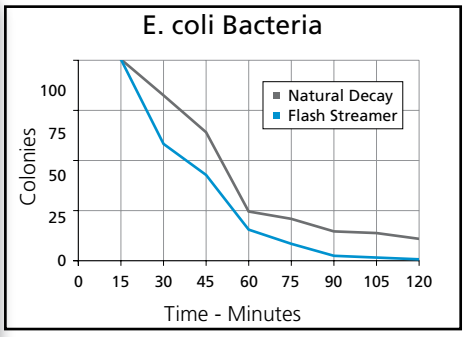
How is Quaternity Air Purification done?

The multi layered air purifying function powerfully decomposes and removes molecules of allergens and odors. In the indoor unit, the air will be filtered out of dust and pollen and the photocatalytic air purification filter will further decompose odors. The streamer discharges high energy electrons which analyzes, powerfully decomposes and removes molecules of allergens, odors, unwanted bacteria, and other hazardous chemical material by collision with high-speed electrons discharged from streamer unit.

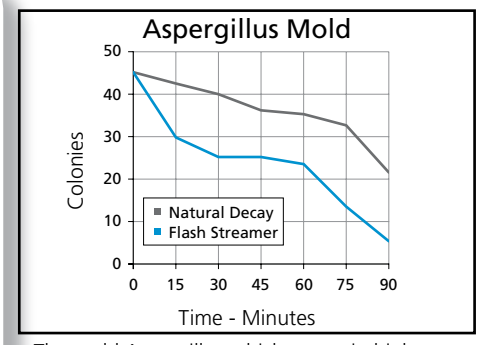
Independent laboratory testing was conducted on the Flash Streamer module in the United States showing the following results:



The MS2 coliphage was used to simulate a virus; this is an extensively studied method and is used as an indictor of a virus survival. It was released into the space and the Flash Streamer was activated. This was then compared to the same concentration of MS2 and the decomposition with natural ventilation. Within 120 minutes, 95.2% reduction compared to natural ventilation was observed.



The same test was carried out for E. coli and a reduction rate of 91% was realized.

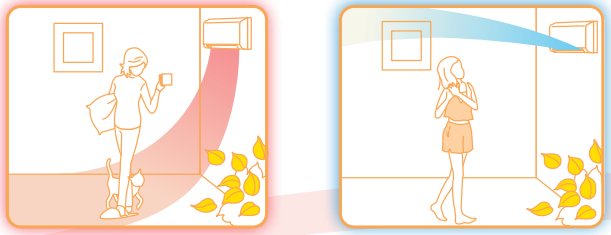


The mold Aspergillus which grows in high moisture climates was tested with the same method and achieved a reduction rate from natural ventilation of 75% over a 90 minute period.

ETL Report Number 3166807COL-001

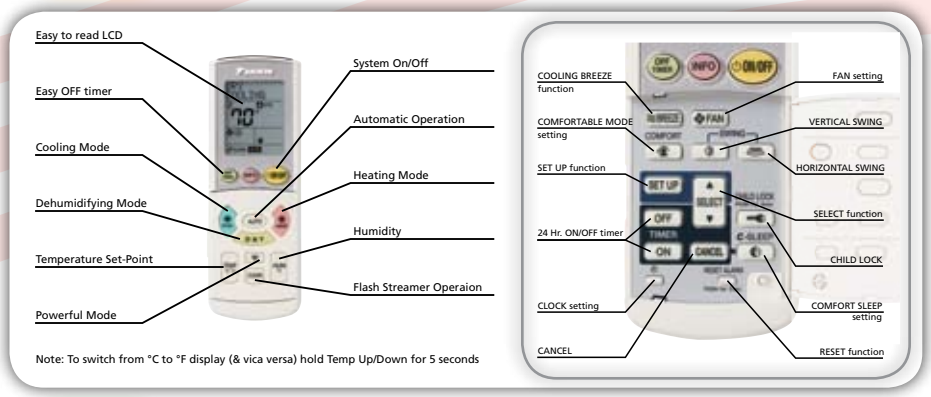
Advanced functions

Comfortable mode
In heating mode, the warm air is directed straight downward to your feet. In cooling mode, the cool air descends from the ceiling gradually throughout the entire room. The comfortable mode prevents air from blowing directly on the skin, which provides a gentle and comfortable environment.



Cooling breeze operation
The outflow sways gently up and down in a 1Hz rhythm. This frequency provides a comfortable cool breeze that feels natural and makes the room feel cool even though the temperature is set higher.

Comfort sleep operation
This feature controls the indoor temperature while you are asleep, helping to produce the pattern of body temperatures most conducive to restful sleep.



Note: To switch from °C to °F display (& vica versa) hold Temp Up/Down for 5 seconds

Air purifying operation
The air purifying function can be used alone or in combination with heating or cooling operation. It effectively cleans the air, eliminating microorganisms as well as unpleasant odors.

Temperature and humidity level information display
Using the INFO button on the remote control, you can display the current indoor temperature and humidity level. The display serves as a reference during humidifying or dehumidifying operation and allows detailed checking of the humidity level to help you prevent mold or dust mite proliferation.

Countdown off timer
Set the time until Quaternity will switch off (up to 9 ½ hours earlier) with the touch of a single button.

Child proof lock
This function allows to lock the operation of the system by pressing a button on the remote control.
The setting is controlled using the SET UP button.

Multi-colored indicator
The color of the indicator lamp on the indoor unit changes to match the current operating mode. It always shows the current mode even when operation is set to automatic.

Function List

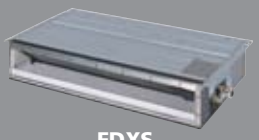
Best in class!

Humidity Control
Dehumidification function
Dry cooling operation
Comfortable Airflow
Cooling breeze operation
Comfortable mode
Power-airflow dual flaps
Wide-angle louvers
Vertical auto-swing (up and down)
Horizontal auto-swing (left and right)
3-D airflow
Comfort Control
Comfort sleep operation
Auto fan speed
Indoor unit quiet operation
Automatic operation
Lifestyle Convenience
Multi-colored indicator
Monitor brightness setting
Temperature & humidity level information display
Child proof lock
Inverter powerful mode
Indoor unit on/off switch
Cleanliness
Air purifying operation
Titanium apatite photocatalytic air-purifying filter
Air supply filter
Flash streamer air purifying
Mold proof air filter
Wipe-clean flat panel
Filter cleaning indicator
Mold proof stick
Timers
Countdown off timer
24-hour on/off timer
Night set mode
Worry Free
Auto-restart after power failure
Self-diagnosis with digital display
Anticorrosion treatment of outdoor heat exchanger fins

Multi-Split Systems

Daikin's new generation 2-port, 3-port and 4-port Multi-Split Systems are able to serve 2, 3 or 4 zones (rooms) from over 200 possible combinations. Choices include: all wall mount units, all slim duct units or a combination of both. With energy efficiency up to SEER 19.5 and HSPF 9.5, these systems will enhance the comfort of any home and also be easier on the electric bills.

FTXS/CTXS



FDXS

2MXS

3MXS/4MXS

Savings on Every Level

A Daikin Multi-Split System can serve from two to four rooms using only one outdoor unit, and allows individual control of the air conditioning in each room.

On top of the savings generated from the flexibility of Daikin's Multi-Split systems, further cost reductions are achieved from the energy efficient benefits of Daikin's Inverter Technology offering outstanding energy efficiency with SEER ratings up to 19.5.

Flexible Product Range

Select from Daikin's extensive range of wall-mounted or ducted indoor fan coil units to cool or warm the home.

The flat panel design of the wall-mounted units will complement interior decor, while the slim shape of the ducted units are barely noticeable when installed in a ceiling.

2 zones, 3 zones or 4 zones

Indoor Units - Slim Duct Built-In Units

Model		FDXS09DVJU	FDXS12DVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Rated Capacity* (nom.)	Btu/h	9,000	12,000
Moisture Removal	Pt/h	2.5	4
Airflow-Dry and Wet (H/M/L)	cfm	305/280/260	305/280/260
Sound Pressure Level - Cooling and Heating (H/L)	dB(A)	35/33/31	35/33/31
Condensate Drain Connection (O.D.)	in.	ø 1-1/32	ø 1-1/32
Dimensions (H x W x D)	in.	7-7/8 x 27-9/16 x 24-7/16	
Net Weight	lbs.	47	47
Gross Weight	lbs.	64	64
Wireless Remote Controller (standard)		ARC433A63	ARC433A63
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1

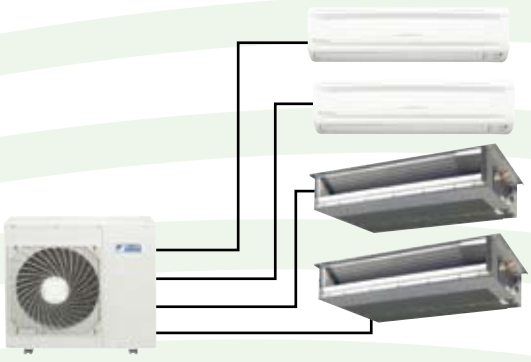
2MXS18GVJU and 3MXS24JVJU in non ducted combinations are Energy Star rated and are eligible for tax credit opportunities

Indoor Units - Wall Mounted Units

Model		CTXS07JVJU	CTXS09HVJU	CTXS12HVJU	FTXS15HVJU	FTXS18HVJU
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
Front Panel Color		Off-White	Off-White	Off-White	Off-White	Off-White
Rated Capacity* (nom.)	Btu/h	7,000	9,000	12,000	15,000	18,000
Moisture Removal	Pt/h	n/a	n/a	n/a	3.4	4.3
Cooling Capacity (nom.)	Btu/h	7,000	8,500	11,500	15,000	18,000
Heating Capacity (nom.)	Btu/h	8,500	10,000	11,500	18,000	21,600
Airflow-Wet (H/M/L)	cfm	388/335/283	388/335/284	388/335/285	519/436/353	549/476/402
Airflow-Dry (H/M/L)	cfm	400/357/314	400/357/314	400/357/314	515/459/402	609/529/448
Sound Pressure Level - Cooling (H/L)	dB(A)	44/35	44/36	45/36	45/36	45/36
Sound Pressure Level - Heating (H/M/L)	dB(A)	44/39/34	44/39/34	45/40/35	44/40/35	44/40/35
Condensate Drain Connection (O.D.)	in.	ø 11/16	ø 11/16	ø 11/16	ø 11/16	ø 11/16
Dimensions (H x W x D)	in.	11-7/16 x 31-5/16 x 9-3/8			11-7/16 x 41-5/16 x 9-3/8	
Net Weight	lbs.	20	20	20	26.5	26.5
Gross Weight	lbs.	29	29	29	38	38
Wireless Remote Controller (standard)		ARC452A9	ARC452A9	ARC452A9	ARC452A9	ARC452A9
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08	BRC944B2-A08	BRC944B2-A08	BRC944B2-A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1	DACA-CP1-1	DACA-CP1-1	DACA-CP1-1

Outdoor Units

Model		2MXS18GVJU	3MXS24JVJU	4MXS32GVJU
Capacity	Btu/h	18,000	24,000	32,000
Casing Color		Ivory White	Ivory White	Ivory White
Refrigerant		R-410A	R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	Amps	20	20	20
Compressor Type		Hermetically sealed swing type compressor		
Compressor Motor Output	W	1,380	1,920	1,920
Power Consumption-Cooling	W	Refer to Engineering Data		
Power Consumption-Heating	W	Refer to Engineering Data		
Operating Current-Cooling	A	Refer to Engineering Data		
Operating Current-Heating	A	Refer to Engineering Data		
Sound Pressure Level (cooling/heating)	dB(A)	50/51	52/54	52/54
Operating Range-Cooling	outdoor °F DB	14 - 115	14 - 115	14 - 115
Operating Range-Heating	outdoor °F DB	5 - 72	5 - 72	5 - 72
Pipe Connections-Liquid (flare type)	in.	ø 1/4 x 2	ø 1/4 x 3	ø 1/4 x 4
Pipe Connections-Gas (flare type)	in.	ø 3/8 x 2	ø 3/8 x 1, ø 1/2 x 1, ø 5/8 x 1	ø 3/8 x 1, ø 1/2 x 1, ø 5/8 x 2
Refrigerant Charge	lbs.	5.73	6.61	6.83
Max. Piping Length	ft.	164	230	230
Piping Length (no add'l refrigerant)	ft.	98.4	131.6	131.6
Max. Height Difference	ft.	49.2	49.2	49.2
Dimensions (H x W x D)	in.	28-15/16 x 32-1/2 x 11-13/16	30-5/16 x 35-7/16 x 12-5/8	
Net Weight	lbs.	139	168	168
Gross Weight	lbs.	143	196	196
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3	DACA-WB-3



Controllers (Options)

Central Remote Controller	DCS302C71
Unified On/Off Controller	DCS301C71
Schedule Timer	DST301BA61
Interface Adaptor for DIII-NET use	KRP928B2S
Wired Remote Controller	BRC944B2_A08

Notes: 1. For Capacity (*) information refer to the Combinations on page 24
2. The data listed is based on the following conditions:

Condition	Cooling	Heating
Indoor	80°FDB/67°FWB	70°FDB/60°FWB
Outdoor	95°FDB/75°FWB	47°FDB/43°FWB

Performance

Certified Efficiency Performance Values

System	AHRI Number	Combined With	Nominal cooling capacity	EER	SEER	Nominal heating capacity	COP	Low heating capacity	COP	HSPF
			Btu/h	95 °F		Btu/h	47 °F	Btu/h	17 °F	
2MXS18GVJU	3059249	Non Ducted Indoor Unit	18,000	12.60	19.50	22,000	3.40	13,500	2.70	9.20
	3059247	Ducted Indoor Unit	16,000	9.00	13.00	22,000	2.90	13,100	2.20	7.70
	3059248	Mixed Ducted and Non Ducted Indoor Unit	17,000	10.80	16.30	22,000	3.15	13,300	2.45	8.50
3MXS24JVJU	3697115	Non Ducted Indoor Unit	24,000	12.50	16.60	30,000	3.20	19,300	3.2	9.00
	3699491	Ducted Indoor Unit	24,000	9.70	13.00	29,000	2.70	18,100	2.7	7.70
	3759750	Mixed Ducted and Non Ducted Indoor Unit	23,600	11.10	14.80	29,400	2.95	18,600	2.95	8.35
4MXS32GVJU	3059253	Non Ducted Indoor Unit	30,600	10.30	17.20	32,000	3.40	22,200	2.30	9.30
	3059251	Ducted Indoor Unit	29,000	8.40	13.30	30,400	3.00	21,000	2.10	7.90
	3059250	Mixed Ducted and Non Ducted Indoor Unit	29,800	9.35	15.25	31,200	3.20	21,600	2.20	8.60

Per AHRI, the certified ratings for variable-speed, multi-split systems are valid for all combinations of indoor units (based on combination types) with the specific outdoor unit listed above and in the AHRI Directory of Certified Equipment.
Visit www.AHRIDirectory.org for further details and independent verification.

- Any system that is a combination of ALL NON-DUCTED (CTXS and FTXS) indoor units achieves the SEER/EER/COP/HSPF listed on the Non Ducted Indoor Unit line.
- Any system that is a combination of ALL DUCTED (FDXS) indoor units achieves the SEER/EER/COP/HSPF listed on the Ducted Indoor Unit line.
- Any system that is a combination of MIXED DUCTED and NON-DUCTED indoor units achieves the SEER/EER/COP/HSPF listed on the Mixed Ducted & Non Ducted Indoor Unit line.

TAX CREDIT QUALIFIED

ENERGY STAR

2MXS18GVJU and 3MXS24JVJU in non ducted combinations are Energy Star rated and are eligible for tax credit opportunities

Priority Room Setting (for Multi-Split systems only)

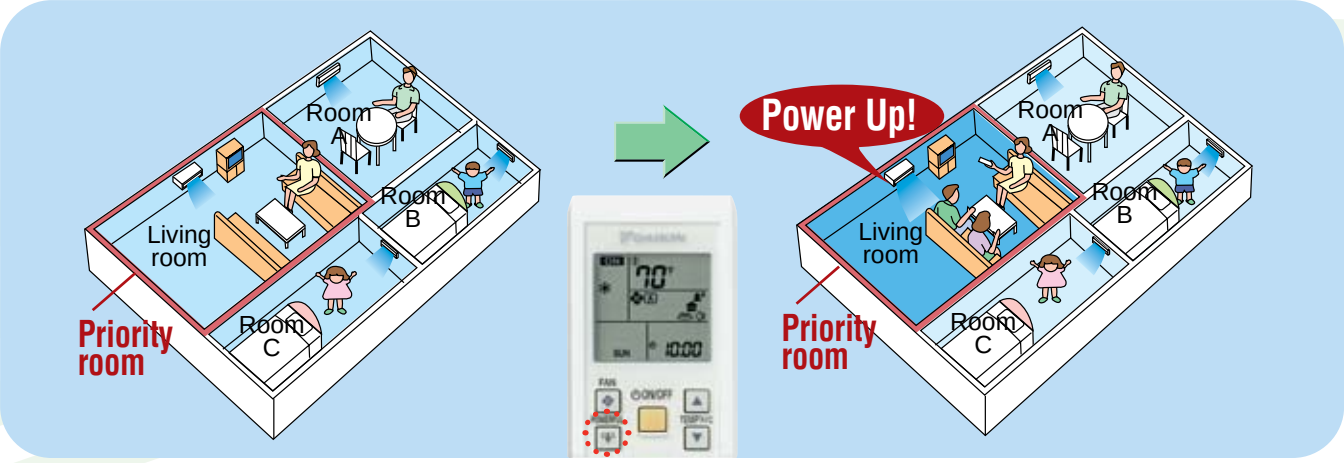
The indoor unit for which Priority Room Setting is applied takes priority in the following cases:

- **Operation Mode Priority**. The operation mode of the indoor unit which is set for priority room setting takes priority. The user can select a different operation mode from other rooms. However, these units enter standby mode until the priority room unit stops operating.
- **Priority during powerful operation.** If the indoor unit which is set for Priority Room is operating at powerful mode, the capabilities of the other indoor units may be temporarily reduced. Powerful Operation gives priority to the indoor unit which is set for Priority Room Setting.
- **Quiet operation priority.** Setting the indoor unit to quiet operation will make the outdoor unit run quietly.

NOTE: To use Priority Room Setting, initial settings must be made when the unit is installed.

Priority setting with inverter Powerful operation

- When Inverter Powerful Operation is selected in the priority room, the indoor unit capacity in the priority room is increased by shifting capacity from units in other rooms. After 20 minutes, all units automatically return to their original settings.



- **Priority setting with Outdoor Unit Quiet Operation.** Priority-Room Setting also allows Outdoor Unit Operation to be selected by one command* from the priority room.

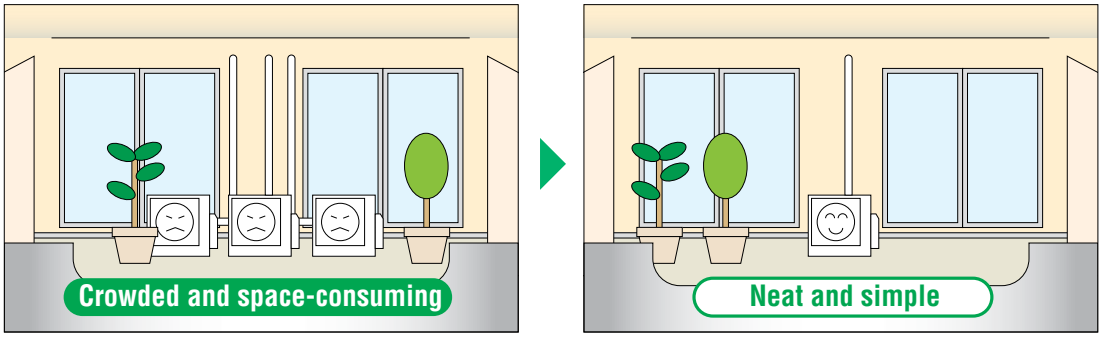
** If Priority-Room Setting has not been set, the Outdoor Unit Quiet Operation button must be pushed on the wireless remote controller of all indoor units operating at that time.*

Reduced Installation Space

Daikin's range of multi-split systems is ideal for installations where space for outdoor units is limited.

Reduced installation space keeps your home exterior beautiful, by connecting up to four indoor units to one outdoor unit.

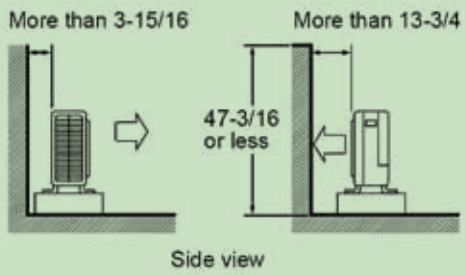
For 3 split-type units



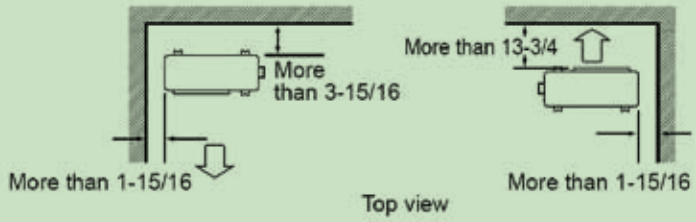
Three outdoor units

One outdoor unit

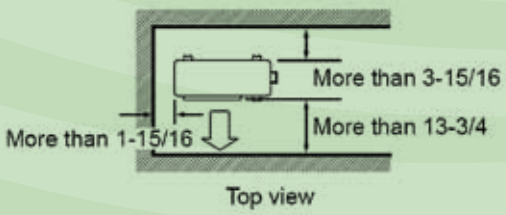
Wall facing one side



Wall facing two sides



Walls facing three sides



The ultimate duct-free solution for restaurants, shops, small offices, data rooms and more light commercial projects. Also great for large residential bonus rooms.

Ranging from 18,000 Btu/h to 42,000 Btu/h, the innovative SkyAir system is designed to quietly blend into the ambience of shops, restaurants, small offices or home environments.

With a choice of a wall mounted, 4-way cassette or ceiling suspended indoor units and a long piping length of up to 230 ft., the system allows a greater flexibility of installation.

Wall mounted unit – FAQ or FTXS

Daikin's wall-mounted units are ideal for cooling or heating smaller zones such as stores, computer rooms and restaurants. The compact, stylish design lets the unit blend discreetly into any interior design, and airflow can be sent in any of five different directions and programmed via remote control.

Ceiling mounted unit - FCQ

From corner stores to offices and classrooms, Daikin's elegant ceiling-mounted cassette units provide low-noise, customizable comfort. Airflow can be sent in any of four directions, and the ability to shut down one or two sides allows for easy corner installation.

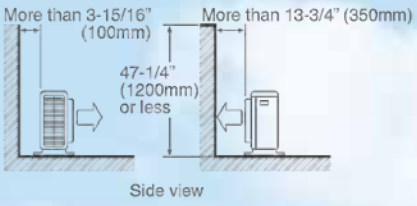
Ceiling suspended unit - FHQ

With its slim, elegant design, the FHQ ceiling suspended unit is a great fit for any light commercial space. Wide air openings provide a comfortable airflow and a silent stream fan ensures quiet operation, making it ideal for retail stores, restaurants, classrooms and conference rooms.

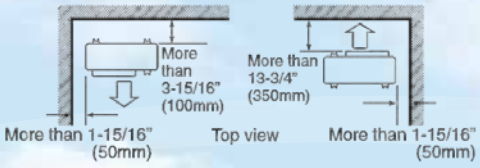
Outdoor Unit Installation Space

RZQ18PVJU / RZQ24PVJU / RZQ30PVJU
RXS30HVJU / RXS36HVJU

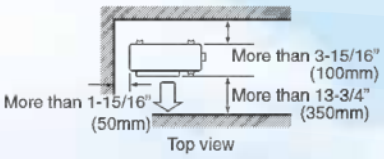
Wall facing one side



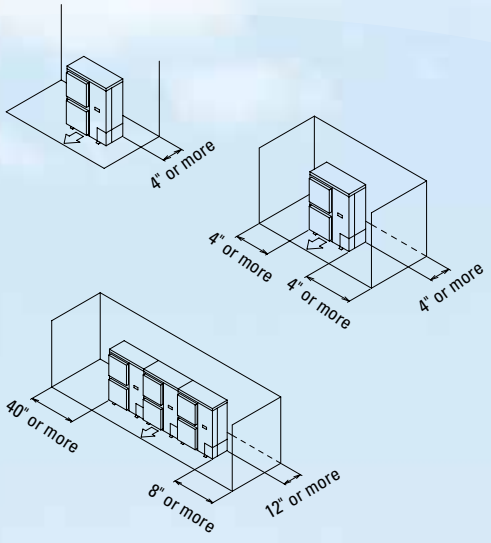
Walls facing two sides



Walls facing three sides



RZQ36MVJU / RZQ42MVJU



SkyAir

FAQ/FTXS Wall Mounted Indoor Units

FAQ18PVJU
FAQ24PVJU

BRC1E71
Navigation
Wired Remote Controller
(standard with FAQ)

FTXS30HVJU
FTXS36HVJU

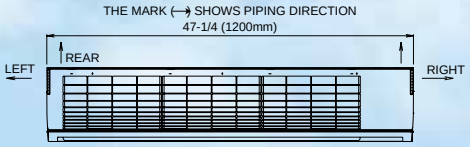
ARC452A6
Wireless Remote Controller
(standard with FTXS)

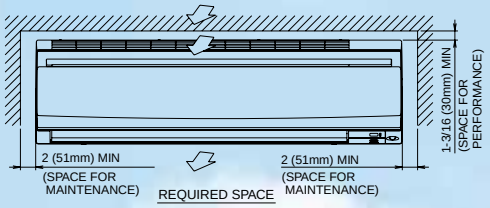
The wall mounted units provide a heating and cooling solution that blends in discreetly with any commercial space or home design and run quietly, too. The system can be installed in a single day of work; the installation is facilitated by an integrated mounting plate and only a 3" opening through the wall is necessary to run the copper piping and wiring. Automated louvers distribute an equal flow of air throughout the space efficiently to deliver absolute comfort to workers and customers.

- Power airflow dual flaps and auto swing louvers
- Standard wireless controller (FTXS, optional with FAQ)
- Optional condensate pump

FTXS Features

- Quick warming function
- Wide angle louvers
- Titanium Apitite Photocatalytic Air-Purifying Filter
- 3-D airflow and comfort airflow modes
- Powerful mode can be selected for rapid cooling and/or heating
- Intelligent Eye - occupancy sensor





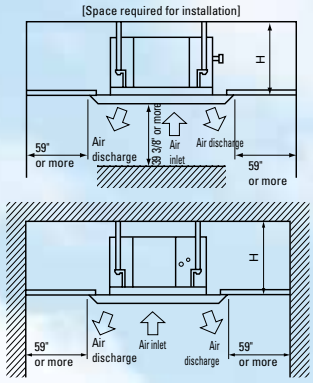
FCQ 4-Way Ceiling Mounted Cassette Units

FCQ

BRC1E71
Navigation
Wired Remote Controller
(standard)

An attractive solution for customized comfort, the FCQ fits virtually flush into false ceilings, leaving maximum floor and wall space for furniture, decoration and fittings. Quiet and energy efficient, it features adjustable airflow distribution for ceiling heights up to 13.8 ft. without loss of capacity.

- Draft prevention and ceiling stain prevention technology
- Choice of eight airflow distribution patterns for individual comfort
- Integration of outside air possible using knock out provided
- Flexible installation
- Optional flap shutoff allows easy installation in corners
- Standard built-in condensation pump (lift up to 21 in.)
- Optional wireless controller



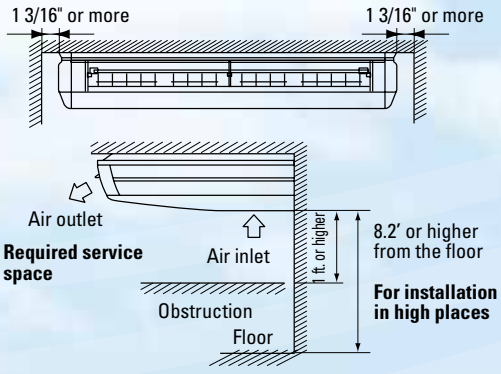
FHQ Ceiling Suspended Units

FHQ

BRC1E71
Navigation
Wired Remote Controller
(standard)

Ideal for rooms without false ceilings, the unit installs directly against the ceiling. Designed for maximum efficiency all around, the FHQ delivers consistent heating and cooling comfort in rooms up to 12.5 ft. ceiling heights without loss of capacity.

- Auto-swing capability with 100° airflow pattern
- Quietly distributes airflow in all directions
- Lateral servicing space allows installation in corners, narrow spaces, walls and ceilings
- Concealed piping enhances decor
- Optional wireless controller
- Optional condensate pump



RZQ/RXS Outdoor Units

RZQ36MVJU
RZQ42MVJU
RZQ18PVJU
RZQ24PVJU
RZQ30PVJU
RXS30HVJU
RXS36HVJU

Inside SkyAir's space-saving design is a powerhouse with the capacity to meet most light commercial applications. Daikin's inverter technology combines precise temperature control and superior energy efficiency with quiet operation.

- Available from 18,000 Btu/h to 42,000 Btu/h
- Low temperature cooling operation possible (0°F)
- Up to 230 ft. piping length allows flexible placement of indoor unit
- Maximum height separation of up to 164 ft.
- Self-diagnostic capabilities provide added reliability
- Pair with either FAQ, FTXS, FCQ or FHQ indoor ceiling units (see chart on next page)
- Possible to mount on wall brackets

Indoor Units - FAQ_PVJU and FTXS_HVJU Wall Mounted Units (208 - 230V / 1Ph / 60Hz)

FAQ18PVJU
FAQ24PVJU

FTXS30HVJU
FTXS36HVJU

Model			FAQ18PVJU	FAQ24PVJU	FTXS30HVJU	FTXS36HVJU
Cooling Capacity (min. - nom. - max.)		Btu/h	*-18,000 - 18,000	*-24,000 - 24,000	10,200 - 30,000 - 30,000	10,200 - 36,000 - 36,000**
Heating Capacity (min. - nom. - max.)		Btu/h	*-20,000 - 20,000	*-26,000 - 26,000	10,200 - 34,800 - 34,800	10,200 - 38,000 - 38,000**
Airflow-Dry (H/M/L/SL)		cfm	500/*/400/*	635/*/470/*	706/611/519/473	770/635/519/473
Sound Pressure Level - Cooling (H/M/L)		dB(A)	43/37	47/40	47/45/40	49/45/40
Sound Pressure Level - Heating (H/M/L)		dB(A)	43/37	47/40	47/44/38	49/44/38
Piping connections	Liquid (O.D.)	in.	ø 3/8	ø 3/8	ø 3/8	ø 3/8
	Gas (O.D.)	in.	ø 5/8	ø 5/8	ø 5/8	ø 5/8
	Condensate (O.D.)	in.	ø 11/16	ø 11/16	ø 11/16	ø 11/16
Unit Dimensions (H x W x D)		in.	11 3/8 x 41 3/8 x 9		13 13/32 x 47 3/16 x 9 13/32	
Weight		lbs.	31	31	40	40

Indoor Units - FCQ_PVJU and FCQ_MVJU Ceiling Mounted 4-Way Cassette Units (208 - 230V / 1Ph / 60Hz)

FCQ

Model			FCQ18PVJU	FCQ24PVJU	FCQ30PVJU	FCQ36MVJU	FCQ42MVJU
Cooling Capacity (nom.)		Btu/h	18,000	24,000	30,000	36,000	40,500
Heating Capacity (nom.)		Btu/h	20,000	27,000	34,000	39,500	41,500
Airflow-Dry (H/L)		cfm	790/670	790/670	900/790	950/790	1,030/870
Sound Pressure Level - Cooling (H/L)		dB(A)	42/*	42/*	42/*	44/*	46/*
Sound Pressure Level- Heating (H/L)		dB(A)	42/*	42/*	42/*	44/*	46/*
Piping connections	Liquid (O.D.)	in.	ø 3/8	ø 3/8	ø 3/8	ø 3/8	ø 3/8
	Gas (O.D.)	in.	ø 5/8	ø 5/8	ø 5/8	ø 5/8	ø 5/8
	Condensate (O.D.)	in.	ø 1 1/4	ø 1 1/4	ø 1 1/4	ø 11/16	ø 11/16
Dimensions (H x W x D)		in.	11-3/8 x 33-3/8 x 33-3/8				
Weight (including panel)		lbs.	84	84	84	85	85

Indoor Units - FHQ_PVJU and FHQ_MVJU Ceiling Suspended Units (208 - 230V / 1Ph / 60Hz)

FHQ

Model			FHQ18PVJU	FHQ24PVJU	FHQ30PVJU	FHQ36MVJU	FHQ42MVJU
Cooling Capacity (nom.)		Btu/h	18,000	24,000	30,000	36,000	40,500
Heating Capacity (nom.)		Btu/h	20,000	27,000	34,000	37,500	39,500
Airflow-Dry (H/L)		cfm	790/670	790/670	790/670	830/670	850/700
Sound Pressure Level - Cooling (H/L)		dB(A)	45/*	45/*	45/*	46/*	47/*
Sound Pressure Level - Heating (H/L)		dB(A)	45/*	45/*	45/*	46/*	47/*
Piping connections	Liquid (O.D.)	in.	ø 3/8	ø 3/8	ø 3/8	ø 3/8	ϕ 3/8
	Gas (O.D.)	in.	ø 5/8	ø 5/8	ø 5/8	ø 5/8	ϕ 5/8
	Condensate (O.D.)	in.	ø 1	ø 1	ø 1	ø 11/16	ϕ 11/16
Dimensions (H x W x D)		in.	7-11/16 x 62-5/8 x 26-3/4				
Weight		lbs.	90	90	90	90	90

Outdoor Units - RZQ_PVJU and RZQ_MVJU Heat Pump (Refer to table below for connection models) (208 - 230V / 1Ph / 60Hz)

RZQ18PVJU
RZQ24PVJU
RZQ30PVJU

RZQ36MVJU
RZQ42MVJU

Model			RZQ18PVJU	RZQ24PVJU	RZQ30PVJU	RZQ36MVJU	RZQ42MVJU
Connects with			FAQ18PVJU FCQ18PVJU FHQ18PVJU	FAQ24PVJU FCQ24PVJU FHQ24PVJU	FCQ30PVJU FHQ30PVJU	FCQ36MVJU FHQ36MVJU	FCQ42MVJU FHQ42MVJU
Compressor Type			Hermetically sealed swing type compressor			Hermetically sealed scroll type compressor	
Energy Efficiency		SEER	13	13	13	13	13
Energy Efficiency		HSPF	7.7	7.7	7.7	7.7	7.7
Power Consumption - Cooling and Heating		W	1,695	2,431	3,742	5,175	5,359
Sound Pressure Level - Cooling/Heating		dB(A)	48/49	49/51	51/51	58/58	58/58
Operating Range - Cooling (outdoor-db)		°F	23-115	23-115	23-115	14-115	14-115
Operating Range - Cooling (outdoor-db) (with optional wind baffles)		°F	0-115	0-115	0-115	0-115	0-115
Operating Range - Heating (outdoor-db)		°F	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Operation Current - Cooling and Heating		A	7.37	10.57	16.27	22.5	23.3
Max. Piping Length		ft.	150	150	150	230	230
Max. Height Difference		ft.	98	98	98	164	164
Dimensions (H x W x D)		in.	30-5/16 x 35-7/16 x 12-5/8			52-15/16 x 35-7/16 x 12-5/8	
Weight		lbs.	150	150	150	310	310

Outdoor Units - RXS_HVJU Heat Pump For use with FTXS_HVJU Models (208 - 230V / 1Ph / 60Hz)

RXS

Model			RXS30HVJU	RXS36HVJU
Connects with			FTXS30HVJU	FTXS36HVJU
Compressor Type			Hermetically sealed swing compressor	
Energy Efficiency		SEER	17	16.2
Energy Efficiency		HSPF	8.3	8.3
Power Consumption - Cooling (combined with FTXS_HVJU)		W	2,800**	4,300**
Power Consumption - Heating (combined with FTXS_HVJU)		W	3,900**	4,200**
Sound Pressure Level - Cooling/Heating		dB(A)	54/55	54/55
Operating Range - Cooling (outdoor-db)		°F	14 - 115	14 - 115
Operating Range - Cooling (outdoor-db) (with optional wind baffle)		°F	0 - 115	0 - 115
Operating Range - Heating (outdoor-db)		°F	5 - 75	5 - 75
Operating Range - Heating (outdoor-db) (with optional wind baffle)		°F	0 - 75	0 - 75
Operation Current - Cooling		A	12.2**	18.8**
Operation Current - Heating		A	17.1**	18.4**
Max. Piping Length		ft.	100	100
Max. Height Difference		ft.	66	66
Dimensions (H x W x D)		in.	39 x 37 x 12-19/32	
Weight		lbs.	176	176

* Information not available at time of press

** These values are based on 230V

SkyAir Controllers and Accessories

Individual Zone Controllers					
	Model	Navigation Wired R/C BRC1E71	Wireless R/C BRC7C812 BRC7E83	Wired Remote Controller BRC944B2	Wireless Remote Controller ARC452A6 (use with FTXS)
	No. of Units Controllable	1 Group/16 Units	1 Group/16 Units	1 Unit	1 Unit
User friendly	Backlit LCD Display	✓			
	°F/°C Selector	✓		✓	✓
	Intuitive Configuration Menu	✓			
	Room Temperature Display	✓			
	Temperature Sensor Included	✓			
	Clock Display	12/24 Hour		24 Hour	24 Hour
	English/French/Spanish	✓			
Operation	Start/Stop	✓	✓	✓	✓
	Operation Mode	✓	✓	✓	✓
	Setpoint	✓	✓	✓	✓
	Auto-changeover	Heat Pump			✓
	Independent Cooling and Heating Setpoints	✓			
	Setpoint Range Limitation	✓			
	Setpoint Minimum Dead-band	0-7°F, Default 2°F			
	Setpoint Range	60° to 90°F (Independent Cool/Heat)	60°-90°F	64°-90°F	64°-90°F
	Setback Unit Off	Range 40°-95°F Out of Setpoint Range			
	Permit/Prohibit Selection	Access Level + Individual Button Prohibit			
	Fan Speed	✓	✓	✓	✓
	Airflow Direction	✓	✓	✓	✓
Monitoring	Status	✓	✓	✓	✓
	Malfunction Flashing	✓	✓	✓	✓
	Malfunction Content	✓	✓	✓	✓
	Filter Sign	✓			
	Operation Mode	✓	✓	✓	✓
	Setpoint	✓	✓	✓	✓
	Permit/Prohibit Selection	✓			
	Fan Speed	✓	✓	✓	✓
	Airflow Direction	✓	✓	✓	✓
Scheduling	Weekly	✓			✓
	Actions Per Day	5 (Independent Cool/Heat setpoints)		2	4
	Scheduling Pattern	7-Day, 5+2, 5+1+1			7-Day
	Auto On/Off Timer	✓	✓	✓	✓
Data	Error History	✓			
	Backup During Power Loss	48 Hours			
Control Management	Field Setting Mode	✓	✓		
	7-Day Time Clock	✓			✓
	Setback Function	✓			
	Auto Restart	✓	✓	✓	✓

SPECIFICATIONS OF CABLE (FOR BRC1E71 ONLY)	
TYPE	2-conductor, stranded, non-shielded copper cable / PVC or vinyl jacket
SIZE	AWG18-2
TOTAL LENGTH	1,640 ft.

Optional Controllers

Description	Part Number
Central Remote Controller (Fahrenheit)*	DCS302C71
Central Remote Controller (Celsius)*	DCS302CA61
Unified ON/OFF Controller*	DCS301C71
Schedule Timer Controller*	DST301BA61

*An Interface Adaptor KRP928B2S is also required for each indoor unit when using FTXS30-36

Optional Condensate Pump - DACA-CP1-1

Optional Condensate Pump - DACA-CP2-1

FTXS30/36HVJU Indoor Unit Accessories

Description	Part Number
Wired Remote Controller (26ft. cord included)	BRC944B2_A08
Centralized Control Board-Up to 5 Rooms (Wiring adapter KRP413A1S is also required for each indoor unit)	KRC72
Wiring Adapter for Timer Clock/ Remote Controller (Normal Open Pulse Contact / Normal Open Contact) (Timer Clock and other devices; obtained locally)	KRP413A1S
Interface Adapter to connect an optional controller	KRP928B2S
Titanium Apatite Photocatalytic Air-purifying Filter (without frame) (Standard accessory)	KAF970A48
Remote Controller Loss Prevention with the Chain	KKF910A4
Optional Condensate Pump	DACA-CP2-1

RXS Outdoor Unit Accessories

Description	Part Number
Drain Plug (Standard Accessory)	KKP945A4
Low ambient wind baffle (RXS30/36HVJU only)	KPW5E112
Condenser Mounting Bracket	DACA-WB-3

FAQ18/24PVJU Indoor Unit Accessories

Description	Part Number
Remote Sensor	KRCS01-1B
Optional Condensate Pump	DACA-CP1-1

FCQ Indoor Unit Accessories

Description	Part Number
65% Calorimeter Filter (FCQ18, FCQ24, FCQ30, FCQ36, FCQ42)	KAFP556D160
90% Calorimeter Filter (FCQ18, FCQ24, FCQ30, FCQ36, FCQ42) - MERV 12	KAFP557D160
Filter Chamber for above	KDDFP55D160
Ultra-Long Life Filter	KAFP55D160
Long Life Replacement Filter (non-woven type)	KAFJ55K160H
Fresh Air Intake Kit without T pipe	KDDP55D160
Panel Spacer	KDBJ55K160W
Fresh Air Intake Kit	KDDP55D160K
Remote Sensor (with T pipe)	KRCS01-1B
Decoration Panel	BYC125K-W1

FHQ Indoor Unit Accessories

Description	Part Number
Replacement Long-Life Filter (Resin Net)	KAFJ501D160
Remote Sensor	KRCS01-1B
Optional Condensate Pump (FHQ18PVJU, FHQ24PVJU)	DACA-CP1-1
Optional Condensate Pump (FHQ30PVJU, FHQ36MVJU, FHQ42MVJU)	DACA-CP2-1

RZQ Outdoor Unit Accessories

Description	Part Number
Central Drain Plug	KKPJ5F180
Fixture for Preventing Overturning	KPT-60B160
Wire Fixture for Preventing Overturning	K-KYZP15C
Low ambient wind baffle for RZQ18-30	KPW5E80
Low ambient wind baffle for RZQ36-42	KPW5E80x2
Condenser Mounting Bracket	DACA-WB-3

Electrical

Description	Part Number
Wiring Adaptor PCB (FCQ) (interface with aux/primary heater, humidifier, OA damper/fan, etc.)	KRP1B72
Wiring Adaptor PCB (FHQ) (interface with aux/primary heater, OA damper/fan, etc.)	KRP1B73
Group Control Adaptor PCB (FHQ) (connects to external BMS)	KRP4A72
Group Control Adaptor PCB (FCQ) (connects to external BMS)	KRP4A73
Adaptor PCB Installation Box (FCQ w/ KRP1B72/ KRP4A73) (up to two adapters can be installed in KRP1B98 and only one KRP1B98 is installed in the FCQ)	KRP1B98
Adaptor PCB Installation Plate (FHQ w/ KRP4A72) (up to two adapters can be installed in KRP1B98 and only one KRP1B98 is installed in the FCQ)	KRP1C93

We also offer...

VRV® Product Line

VRV® III

- Available up to 20-Ton in one system, 208-230V/60Hz/3ph or 460V/60Hz/3ph
- Heat pump (heating and cooling) and heat recovery (simultaneous heating and cooling across multiple zones) systems available
- Individual zone control
- Can operate up to 41 indoor fan coil units
- Auto charging function
- Continuous heating during defrost operation
- Longest pipe lengths in product class
- Advanced zoning capabilities
- Excellent part load and high energy efficiency

VRV®-WIII

- Available up to 21-Ton in 6 combinations, 208-230V/60Hz/3ph
- Individual zone control
- Up to 32 indoor units can be connected
- Connect to a cooling tower (closed loop) and boiler system
- Unified heat recovery or heat pump condensing units
- Cold climate capability delivering comfortable heating performance with no defrost
- Long refrigerant piping length
- Fully integrated control
- Can be used in geothermal applications (as standard)
- High energy efficiency for large projects

VRV® III-S

- Available in 3 and 4-Ton, 208-230V/60Hz/1ph
- Individual zone control
- Can operate up to 6 or 8 fan coil units
- Energy efficient for light commercial and residential applications
- Innovative space-saving design
- Reliability
- Outstanding warranties

For more information, please visit www.daikinac.com/commercial

WARNINGS

- Always use a licensed installer or contractor to install this product. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a licensed contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

For any inquiries, contact your local Daikin sales office.

Use of the AHRI Certified™ mark indicates a manufacturer's participation in the certification program. For verification of certification for individual products, go to www.ahridirectory.org

Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, COMMERCIAL HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAIM VENTILATION, AIR CLEANING EQUIPMENT, MARINE TYPE CONTAINER REFRIGERATION UNITS, COMPRESSORS AND VALVES.

JMI-0107

Organization:
DAIKIN INDUSTRIES (THAILAND) LTD.

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM.

JQA-1452

All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 International standard for environmental management.

EC99J2044

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Dealer Information

PCSSUSE10-06B

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